



Maine Employment Outlook to 2018

July 2010

Maine Employment Outlook

2008 to 2018

Industrial and Occupational Employment Projections

This publication is a product of the Economic and Demographic Research Group
Glenn Mills, Director of Economic Research

Issued July 2010

Augusta, Maine

The data in this publication is in the public domain and may, with appropriate credit to the Maine Department of Labor, be reproduced without permission. The Maine Department of Labor provides equal opportunity in employment and programs. Auxiliary aids and services are available to individuals with disabilities upon request.

Telephone: (207) 623-7900 TTY 1-800-794-1100 FAX (207) 287-2947

Preface

Maine Employment Outlook highlights industry and occupational employment projections for the period from 2008 to 2018. The labor market of the future is being shaped by many factors, including technological change and social and demographic trends. Labor market trends in Maine have largely followed a similar course to national trends for many years. These projections generally mirror national projections published by the U.S. Bureau of Labor Statistics for the same period.

Projection Highlights

- Employment opportunities will be concentrated in service-providing industries. Education and health services, professional and business services, and leisure and hospitality services are expected to create nearly 80% of all new jobs.
- The occupational structure of employment will shift along with changes in the industrial structure and technology. Many of the fastest growing occupations will be health care-related, largely due to rapid growth in the number of middle age and elderly people.
- Technology will continue to impact the structure of employment and how work is done. Computers will increasingly be a part of a wide range of work processes and computer-related occupations will continue to grow faster than the average.

Questions about industry trends should be directed to Glenn Mills, Director of Employment Estimation and Projections. Questions about occupational trends should be directed to Merrill Huhtala, Manager of the Occupational Employment Statistics Program. Glenn and Merrill can be reached at (207) 623-7900.

John Dorrer, Director
Center for Workforce Research and Information
Maine Department of Labor

Table of Contents

	Page
Industry Employment, 2008 and Projected 2018	1
Employment by Industry in Maine	2
Industries Projected to Gain or Lose the Largest Number of Jobs in Maine	5
Industries Projected to Gain or Lose Jobs at the Fastest Rate in Maine	6
 Occupational Employment, 2008 and Projected 2018	 7
Employment by Occupational Group in Maine	8
Occupational Employment by Education/Training Requirement in Maine	9
Forty Occupations with the Largest Projected Number of Annual Openings in Maine	10
Forty Occupations with the Largest Projected Net Job Growth in Maine	11
Forty Occupations with the Fastest Projected Rate of Job Growth in Maine	12
Forty Occupations with the Largest Projected Net Job Loss in Maine	13
Forty Occupations with the Fastest Projected Rate of Job Loss in Maine	14
Employment and Job Openings for All Occupations in Maine, Sorted by Occupational Group	15
Employment and Job Openings for All Occupations in Maine, Sorted Alphabetically	33
Education and Training Requirement Definitions	51

**Industry Employment
2008 and Projected 2018**

Employment by Industry in Maine, 2008 and Projected 2018

Industry	Average Employment		Employment Change	
	2008	2018	Net	Percent
Total Employment	675,743	690,130	14,387	2.1 %
Self-Employed, Private Household, and Unpaid Family Workers	66,627	66,677	50	0.1 %
Wage and Salary Jobs	609,116	623,453	14,337	2.4 %
Total Private	509,094	522,971	13,877	2.7 %
Goods-Producing Industries	94,049	89,662	-4,387	-4.7 %
Natural Resources and Mining	5,919	5,886	-33	-0.6 %
Agriculture, Forestry, Fishing and Hunting	5,820	5,784	-36	-0.6 %
Crop production	1,670	1,711	41	2.5%
Animal production	787	850	63	8.0%
Forestry and logging	2,548	2,375	-173	-6.8%
Fishing, hunting and trapping	406	424	18	4.4%
Agriculture and forestry support activities	409	424	15	3.7%
Mining	99	102	3	3.0 %
Mining, except oil and gas	99	102	3	3.0%
Construction	29,375	30,644	1,269	4.3 %
Construction of buildings	7,151	7,451	300	4.2%
Heavy and civil engineering construction	3,178	3,263	85	2.7%
Specialty trade contractors	19,046	19,930	884	4.6%
Manufacturing	58,755	53,132	-5,623	-9.6 %
Durable Goods	31,274	28,791	-2,483	-7.9 %
Wood product manufacturing	5,188	3,742	-1,446	-27.9%
Nonmetallic mineral product manufacturing	1,382	1,273	-109	-7.9%
Primary metal manufacturing	369	333	-36	-9.8%
Fabricated metal product manufacturing	5,671	5,859	188	3.3%
Machinery manufacturing	2,193	2,241	48	2.2%
Computer and electronic product manufacturing	3,147	3,125	-22	-0.7%
Electrical equipment and appliance mfg.	614	563	-51	-8.3%
Transportation equipment manufacturing	9,300	8,323	-977	-10.5%
Furniture and related product manufacturing	1,405	1,200	-205	-14.6%
Miscellaneous manufacturing	2,005	2,132	127	6.3%
Nondurable Goods	27,482	24,341	-3,141	-11.4 %
Food manufacturing	5,856	5,447	-409	-7.0%
Beverage and tobacco product manufacturing	1,230	1,309	79	6.4%
Textile mills	1,422	874	-548	-38.5%
Textile product mills	1,034	930	-104	-10.1%
Apparel manufacturing	372	280	-92	-24.7%
Leather and allied product manufacturing	2,033	1,469	-564	-27.7%
Paper manufacturing	8,310	6,504	-1,806	-21.7%
Printing and related support activities	2,209	2,009	-200	-9.1%
Petroleum and coal products manufacturing	360	385	25	6.9%
Chemical manufacturing	1,986	2,341	355	17.9%

Employment by Industry in Maine, 2008 and Projected 2018

Industry	Average Employment		Employment Change	
	2008	2018	Net	Percent
Plastics and rubber products manufacturing	2,669	2,793	124	4.6%
Service-Providing Industries	515,062	533,786	18,724	3.6%
Trade, Transportation, and Utilities	124,796	127,598	2,802	2.2%
Wholesale Trade	20,710	21,133	423	2.0%
Merchant wholesalers, durable goods	9,229	8,941	-288	-3.1%
Merchant wholesalers, nondurable goods	7,775	7,638	-137	-1.8%
Electronic markets and agents and brokers	3,706	4,554	848	22.9%
Retail Trade	85,463	87,243	1,780	2.1%
Motor vehicle and parts dealers	9,941	10,119	178	1.8%
Furniture and home furnishings stores	2,053	2,089	36	1.8%
Electronics and appliance stores	2,161	2,319	158	7.3%
Building material and garden supply stores	7,730	7,991	261	3.4%
Food and beverage stores	19,044	19,254	210	1.1%
Health and personal care stores	3,642	3,805	163	4.5%
Gasoline stations	7,391	7,524	133	1.8%
Clothing and clothing accessories stores	5,363	5,315	-48	-0.9%
Sporting goods, hobby, book and music stores	3,775	3,662	-113	-3.0%
General merchandise stores	12,855	13,490	635	4.9%
Miscellaneous store retailers	4,587	4,358	-229	-5.0%
Nonstore retailers	6,921	7,317	396	5.7%
Transportation and Warehousing	16,758	17,317	559	3.3%
Air transportation	336	396	60	17.9%
Water transportation	108	108	0	0.0%
Truck transportation	5,951	5,990	39	0.7%
Transit and ground passenger transportation	1,432	1,566	134	9.4%
Pipeline transportation	88	104	16	18.2%
Scenic and sightseeing transportation	274	286	12	4.4%
Support activities for transportation	1,498	1,634	136	9.1%
Couriers and messengers	1,888	1,907	19	1.0%
Warehousing and storage	4,465	4,608	143	3.2%
Utilities	1,865	1,905	40	2.1%
Information	10,768	10,194	-574	-5.3%
Publishing industries, except Internet	3,337	2,956	-381	-11.4%
Motion picture and sound recording industries	1,385	1,728	343	24.8%
Broadcasting, except Internet	1,210	1,010	-200	-16.5%
Telecommunications	2,883	2,372	-511	-17.7%
ISPs, search portals, and data processing	1,013	1,122	109	10.8%
Other Information Services	940	1,006	66	7.0%
Financial Activities	32,658	32,342	-316	-1.0%
Finance and Insurance	25,617	25,241	-376	-1.5%
Credit intermediation and related activities	12,188	11,957	-231	-1.9%

Employment by Industry in Maine, 2008 and Projected 2018

Industry	Average Employment		Employment Change	
	2008	2018	Net	Percent
Securities, commodity contracts, investments	1,393	1,237	-156	-11.2%
Insurance carriers and related activities	11,977	11,988	11	0.1%
Funds, trusts, and other financial vehicles	59	59	0	0.0%
Real Estate and Rental and Leasing	7,041	7,101	60	0.9%
Real estate	4,357	4,559	202	4.6%
Rental and leasing services	2,684	2,542	-142	-5.3%
Professional and Business Services	56,410	59,371	2,961	5.2%
Professional, Scientific and Tech Services	24,436	26,132	1,696	6.9%
Management of companies and enterprises	6,818	6,537	-281	-4.1%
Administrative and support services	23,445	24,921	1,476	6.3%
Waste management and remediation services	1,711	1,781	70	4.1%
Education and Health Services	108,759	119,057	10,298	9.5%
Educational services	10,592	11,403	811	7.7%
Health Care and Social Assistance	98,167	107,654	9,487	9.7%
Ambulatory health care services	25,944	29,013	3,069	11.8%
Hospitals	30,879	35,204	4,325	14.0%
Nursing and residential care facilities	22,919	23,995	1,076	4.7%
Social assistance	18,425	19,442	1,017	5.5%
Leisure and Hospitality	60,035	62,879	2,844	4.7%
Arts, Entertainment, and Recreation	8,235	8,737	502	6.1%
Performing arts and spectator sports	1,047	1,097	50	4.8%
Museums, historical sites, zoos, and parks	481	504	23	4.8%
Amusements, gambling, and recreation	6,707	7,136	429	6.4%
Accommodation and Food Services	51,800	54,142	2,342	4.5%
Accommodation	11,168	11,915	747	6.7%
Food services and drinking places	40,632	42,227	1,595	3.9%
Other Services	21,619	21,868	249	1.2%
Repair and maintenance	4,786	4,860	74	1.5%
Personal and laundry services	4,333	4,475	142	3.3%
Membership associations and organizations	10,806	10,869	63	0.6%
Private households	1,694	1,664	-30	-1.8%
Government	100,017	100,477	460	0.5%
Federal	14,561	14,910	349	2.4%
State	24,581	25,419	838	3.4%
Local	60,875	60,148	-727	-1.2%

Industries Projected to Gain or Lose the Largest Number of Jobs in Maine Between 2008 and 2018

Industries Expected to Gain 135 or More Jobs		Industries Expected to Lose Jobs	
Hospitals	4,325	Paper manufacturing	-1,806
Ambulatory health care services	3,069	Wood product manufacturing	-1,446
Professional, Scientific and Tech Services	1,696	Transportation equipment manufacturing	-977
Food services and drinking places	1,595	Local Government	-727
Administrative and support services	1,476	Leather and allied product manufacturing	-564
Nursing and residential care facilities	1,076	Textile mills	-548
Social assistance	1,017	Telecommunications	-511
Specialty trade contractors	884	Food manufacturing	-409
Electronic markets and agents and brokers	848	Publishing industries, except Internet	-381
State Government	838	Merchant wholesalers, durable goods	-288
Educational services	811	Management of companies and enterprises	-281
Accommodation	747	Credit intermediation and related activities	-231
General merchandise stores	635	Miscellaneous store retailers	-229
Amusements, gambling, and recreation	429	Furniture and related product manufacturing	-205
Nonstore retailers	396	Printing and related support activities	-200
Chemical manufacturing	355	Broadcasting, except Internet	-200
Federal Government	349	Forestry and logging	-173
Motion picture and sound recording industries	343	Securities, commodity contracts, investments	-156
Construction of buildings	300	Rental and leasing services	-142
Building material and garden supply stores	261	Merchant wholesalers, nondurable goods	-137
Food and beverage stores	210	Sporting goods, hobby, book and music stores	-113
Real estate	202	Nonmetallic mineral product manufacturing	-109
Fabricated metal product manufacturing	188	Textile product mills	-104
Motor vehicle and parts dealers	178	Apparel manufacturing	-92
Health and personal care stores	163	Electrical equipment and appliance mfg.	-51
Electronics and appliance stores	158	Clothing and clothing accessories stores	-48
Warehousing and storage	143	Primary metal manufacturing	-36
Personal and laundry services	142	Private households	-30
Support activities for transportation	136	Computer and electronic product manufacturing	-22
Transit and ground passenger transportation	135		

Industries Projected to Gain or Lose Jobs at the Fastest Rate in Maine Between 2008 and 2018

Industries Expected to Gain Jobs by Four Percent or More		Industries Expected to Lose Jobs	
Motion picture and sound recording industries	24.8%	Textile mills	-38.5%
Electronic markets and agents and brokers	22.9%	Wood product manufacturing	-27.9%
Pipeline transportation	18.2%	Leather and allied product manufacturing	-27.7%
Chemical manufacturing	17.9%	Apparel manufacturing	-24.7%
Air transportation	17.9%	Paper manufacturing	-21.7%
Hospitals	14.0%	Telecommunications	-17.7%
Ambulatory health care services	11.8%	Broadcasting, except Internet	-16.5%
ISPs, search portals, and data processing	10.8%	Furniture and related product manufacturing	-14.6%
Transit and ground passenger transportation	9.4%	Publishing industries, except Internet	-11.4%
Support activities for transportation	9.1%	Securities, commodity contracts, investments	-11.2%
Animal production	8.0%	Transportation equipment manufacturing	-10.5%
Educational services	7.7%	Textile product mills	-10.1%
Electronics and appliance stores	7.3%	Primary metal manufacturing	-9.8%
Other Information Services	7.0%	Printing and related support activities	-9.1%
Petroleum and coal products manufacturing	6.9%	Electrical equipment and appliance mfg.	-8.3%
Professional, Scientific and Tech Services	6.9%	Nonmetallic mineral product manufacturing	-7.9%
Accommodation	6.7%	Food manufacturing	-7.0%
Beverage and tobacco product manufacturing	6.4%	Forestry and logging	-6.8%
Amusements, gambling, and recreation	6.4%	Rental and leasing services	-5.3%
Miscellaneous manufacturing	6.3%	Miscellaneous store retailers	-5.0%
Administrative and support services	6.3%	Management of companies and enterprises	-4.1%
Nonstore retailers	5.7%	Merchant wholesalers, durable goods	-3.1%
Social assistance	5.5%	Sporting goods, hobby, book and music stores	-3.0%
General merchandise stores	4.9%	Credit intermediation and related activities	-1.9%
Museums, historical sites, zoos, and parks	4.8%	Private households	-1.8%
Performing arts and spectator sports	4.8%	Merchant wholesalers, nondurable goods	-1.8%
Nursing and residential care facilities	4.7%	Local Government	-1.2%
Plastics and rubber products manufacturing	4.6%	Clothing and clothing accessories stores	-0.9%
Real estate	4.6%	Computer and electronic product manufacturing	-0.7%
Specialty trade contractors	4.6%		
Health and personal care stores	4.5%		
Scenic and sightseeing transportation	4.4%		
Fishing, hunting and trapping	4.4%		
Construction of buildings	4.2%		
Waste management and remediation services	4.1%		

**Occupational Employment
2008 and Projected 2018**

Employment by Occupational Group in Maine in 2008 and Projected 2018

Occupational Group	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage
	2008	2018	Net	Percent	Growth	Replacement	Total	
<i>Total</i>	675,743	690,130	14,387	2.1%	2,827	15,149	17,976	\$18.53
Management, Business and Financial Occupations	62,388	63,228	840	1.3%	245	1,331	1,576	\$31.23
Management Occupations	38,472	37,693	-779	-2.0%	75	842	917	\$38.07
Business and Financial Operations Occupations	23,916	25,535	1,619	6.8%	170	489	659	\$26.59
Professional and Related Occupations	135,783	143,474	7,691	5.7%	899	2,938	3,837	\$25.78
Computer and Mathematical Occupations	8,810	9,501	691	7.8%	81	174	255	\$29.08
Architecture and Engineering Occupations	9,752	9,916	164	1.7%	35	204	239	\$30.80
Life, Physical, and Social Science Occupations	5,361	5,746	385	7.2%	39	167	206	\$27.37
Community and Social Services Occupations	15,628	16,196	568	3.6%	67	340	407	\$18.49
Legal Occupations	4,758	4,916	158	3.3%	17	78	95	\$34.31
Education, Training, and Library Occupations	40,702	41,315	613	1.5%	118	922	1,040	\$20.08
Arts, Design, Entertainment, Sports, and Media Occupations	12,169	12,397	228	1.9%	52	294	346	\$18.16
Healthcare Practitioners and Technical Occupations	38,603	43,487	4,884	12.7%	490	759	1,249	\$34.02
Service Occupations	138,578	145,599	7,021	5.1%	827	3,344	4,171	\$11.67
Healthcare Support Occupations	23,620	26,226	2,606	11.0%	264	254	518	\$12.42
Protective Service Occupations	10,602	11,044	442	4.2%	45	314	359	\$16.78
Food Preparation and Serving Related Occupations	54,097	56,222	2,125	3.9%	226	1,819	2,045	\$10.15
Building and Grounds Cleaning and Maintenance Occupations	26,727	26,304	-423	-1.6%	59	434	493	\$12.50
Personal Care and Service Occupations	23,532	25,803	2,271	9.7%	233	523	756	\$11.06
Sales and Related Occupations	71,276	72,261	985	1.4%	176	2,102	2,278	\$15.21
Office and Administrative Support Occupations	103,827	104,050	223	0.2%	337	2,133	2,470	\$14.63
Farming, Fishing, and Forestry Occupations	6,019	5,779	-240	-4.0%	9	159	168	\$14.77
Construction and Extraction Occupations	42,060	42,840	780	1.9%	119	719	838	\$17.95
Installation, Maintenance, and Repair Occupations	29,428	29,905	477	1.6%	96	576	672	\$19.10
Production Occupations	42,897	40,172	-2,725	-6.4%	50	836	886	\$16.50
Transportation and Material Moving Occupations	43,488	42,822	-666	-1.5%	70	1,011	1,081	\$14.33

Average wages are for wage and salary workers and do not include the self-employed. The average by occupational group is as estimate calculated using 2009 wages and 2008 employment.

Occupational Employment by Education/Training Requirement in Maine in 2008 and Projected 2018

Education/Training Requirement	Average Employment		Percent of Total Employment		Change in Employment		Average Annual Openings			2009 Average Wage
	2008	2018	2008	2018	Net	Percent	Growth	Replacement	Total	
<i>Total</i>	675,743	690,130	100.0%	100.0%	14,387	2.1%	2,827	15,149	17,976	\$18.53
First Professional degree	9,727	10,250	1.4%	1.5%	523	5.4%	52	190	242	\$59.22
Doctoral degree	6,138	6,780	0.9%	1.0%	642	10.5%	65	120	185	\$30.62
Master's degree	12,606	13,440	1.9%	1.9%	834	6.6%	85	273	358	\$24.07
Bachelor's degree plus work experience	26,867	26,481	4.0%	3.8%	-386	-1.4%	58	657	715	\$38.72
Bachelor's degree	68,120	71,248	10.1%	10.3%	3,128	4.6%	373	1,511	1,884	\$25.16
Associate degree	30,422	33,778	4.5%	4.9%	3,356	11.0%	345	586	931	\$26.90
Postsecondary vocational training	45,056	46,189	6.7%	6.7%	1,133	2.5%	161	832	993	\$16.61
Work experience in a related occupation	64,512	65,267	9.5%	9.5%	755	1.2%	134	1,305	1,439	\$22.47
Long-term on-the-job training	54,516	54,726	8.1%	7.9%	210	0.4%	163	1,037	1,200	\$17.07
Moderate-term on-the-job training	111,253	111,723	16.5%	16.2%	470	0.4%	435	2,131	2,566	\$15.33
Short-term on-the-job training	246,527	250,248	36.5%	36.3%	3,721	1.5%	962	6,526	7,488	\$11.81

Average wages are for wage and salary workers and do not include the self-employed. The average by education/training requirement is an estimate calculated using 2009 wages and 2008 employment.

Forty Occupations with the Largest Projected Number of Annual Openings in Maine Between 2008 and 2018

SOC Code	Occupation	Average Employment		Average Annual Openings			Education/Training Requirement
		2008	2018	Growth	Replacement	Total	
41-2011	Cashiers	16,867	17,220	35	758	793	Short-term on-the-job training
41-2031	Retail Salespersons	19,164	20,049	89	535	624	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,308	10,602	29	569	598	Short-term on-the-job training
29-1111	Registered Nurses	14,501	16,826	233	253	486	Associate degree
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	14,489	15,784	130	307	437	Short-term on-the-job training
43-4051	Customer Service Representatives	8,590	9,576	99	270	369	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,122	7,509	0	261	261	Short-term on-the-job training
11-1021	General and Operations Managers	8,288	7,576	0	240	240	Bachelor's or higher, plus experience
39-9021	Personal and Home Care Aides	6,201	7,800	160	77	237	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,094	11,476	38	199	237	Moderate-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,534	10,620	9	226	235	Work experience in a related occupation
43-9061	Office Clerks, General	14,739	15,049	31	201	232	Short-term on-the-job training
35-2021	Food Preparation Workers	5,741	5,693	0	206	206	Short-term on-the-job training
31-1011	Home Health Aides	5,536	6,966	143	55	198	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,820	7,990	17	180	197	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,395	9,683	0	196	196	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,224	7,491	27	163	190	Work experience in a related occupation
47-2031	Carpenters	12,229	12,595	37	152	189	Long-term on-the-job training
39-9011	Child Care Workers	5,824	5,783	0	170	170	Short-term on-the-job training
25-9041	Teacher Assistants	8,001	7,690	0	169	169	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Education	6,333	6,542	21	144	165	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,341	5,185	0	155	155	Bachelor's degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5,755	5,920	17	133	150	Work experience in a related occupation
43-6014	Secretaries, Except Legal, Medical, and Executive	10,178	9,568	0	137	137	Moderate-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,158	10,506	35	101	136	Postsecondary vocational training
35-2014	Cooks, Restaurant	4,650	4,784	13	119	132	Long-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,162	6,901	0	129	129	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,623	1,675	5	119	124	Short-term on-the-job training
13-2011	Accountants and Auditors	4,283	4,777	49	72	121	Bachelor's degree
37-3011	Landscaping and Groundskeeping Workers	6,091	6,569	48	73	121	Short-term on-the-job training
43-3071	Tellers	2,803	2,834	3	115	118	High-School Diploma or Less
35-9021	Dishwashers	2,394	2,565	17	99	116	Short-term on-the-job training
35-3011	Bartenders	2,775	2,875	10	99	109	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,000	8,130	13	96	109	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	3,621	3,577	0	108	108	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,182	5,446	26	80	106	Moderate-term on-the-job training
43-6013	Medical Secretaries	4,179	4,664	49	56	105	Moderate-term on-the-job training
21-1093	Social and Human Service Assistants	3,943	4,139	20	84	104	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	4,597	4,759	16	88	104	Postsecondary vocational training
35-9031	Host and Hostesses, Restaurant, Lounge, and Coffee Shop	1,371	1,397	3	95	98	Short-term on-the-job training

Forty Occupations with the Largest Projected Net Job Growth in Maine Between 2008 and 2018

SOC Code	Occupation	Average Employment		Net Growth	Education/Training Requirement
		2008	2018		
29-1111	Registered Nurses	14,501	16,826	2,325	Associate degree
39-9021	Personal and Home Care Aides	6,201	7,800	1,599	Short-term on-the-job training
31-1011	Home Health Aides	5,536	6,966	1,430	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	14,489	15,784	1,295	Short-term on-the-job training
43-4051	Customer Service Representatives	8,590	9,576	986	Moderate-term on-the-job training
41-2031	Retail Salespersons	19,164	20,049	885	Short-term on-the-job training
13-2011	Accountants and Auditors	4,283	4,777	494	Bachelor's degree
43-6013	Medical Secretaries	4,179	4,664	485	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	6,091	6,569	478	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,094	11,476	382	Short-term on-the-job training
47-2031	Carpenters	12,229	12,595	366	Long-term on-the-job training
31-9092	Medical Assistants	2,133	2,488	355	Moderate-term on-the-job training
41-2011	Cashiers	16,867	17,220	353	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,158	10,506	348	Postsecondary vocational training
29-2052	Pharmacy Technicians	1,670	2,007	337	Moderate-term on-the-job training
47-2061	Construction Laborers	3,996	4,331	335	Moderate-term on-the-job training
15-1081	Network Systems and Data Communications Analysts	831	1,160	329	Bachelor's degree
43-9061	Office Clerks, General	14,739	15,049	310	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,308	10,602	294	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,830	2,105	275	Short-term on-the-job training
43-1011	First Line Supervisors/Managers of Office and Administrative Support Workers	7,224	7,491	267	Work experience in a related occupation
49-9042	Maintenance and Repair Workers, General	5,182	5,446	264	Moderate-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,048	1,286	238	Long-term on-the-job training
25-2021	Elementary School Teachers, Except Special Education	6,333	6,542	209	Bachelor's degree
21-1093	Social and Human Service Assistants	3,943	4,139	196	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,060	2,254	194	Postsecondary vocational training
15-1031	Computer Software Engineers, Applications	1,092	1,274	182	Bachelor's degree
33-2011	Firefighters	1,577	1,757	180	Long-term on-the-job training
11-9021	Construction Managers	2,324	2,498	174	Bachelor's degree
29-1123	Physical Therapists	1,084	1,258	174	Master's degree
35-9021	Dishwashers	2,394	2,565	171	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,820	7,990	170	Short-term on-the-job training
29-2021	Dental Hygienists	1,139	1,306	167	Associate degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5,755	5,920	165	Work experience in a related occupation
49-3023	Automotive Service Technicians and Mechanics	4,597	4,759	162	Postsecondary vocational training
27-2022	Coaches and Scouts	2,304	2,461	157	Long-term on-the-job training
31-9091	Dental Assistants	1,051	1,206	155	Moderate-term on-the-job training
29-1071	Physician Assistants	744	894	150	Master's degree
27-3031	Public Relations Specialists	1,168	1,317	149	Bachelor's degree
39-9031	Fitness Trainers and Aerobics Instructors	727	875	148	Postsecondary vocational training

Forty Occupations with the Fastest Projected Rate of Job Growth in Maine Between 2008 and 2018

SOC Code	Occupation	Average Employment		Growth Rate	Education/Training Requirement
		2008	2018		
15-1081	Network Systems and Data Communications Analysts	831	1,160	39.6%	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	114	152	33.3%	Doctoral degree
13-2061	Financial Examiners	110	144	30.9%	Bachelor's degree
49-9062	Medical Equipment Repairers	179	227	26.8%	Associate degree
39-4021	Funeral Attendants	151	191	26.5%	Short-term on-the-job training
31-1011	Home Health Aides	5,536	6,966	25.8%	Short-term on-the-job training
39-9021	Personal and Home Care Aides	6,201	7,800	25.8%	Short-term on-the-job training
43-5011	Cargo and Freight Agents	120	150	25.0%	Moderate-term on-the-job training
29-2031	Cardiovascular Technologists and Technicians	179	220	22.9%	Associate degree
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,048	1,286	22.7%	Long-term on-the-job training
29-2055	Surgical Technologists	489	599	22.5%	Postsecondary vocational training
29-1124	Radiation Therapists	107	131	22.4%	Associate degree
31-2021	Physical Therapist Assistants	197	241	22.3%	Associate degree
29-2056	Veterinary Technologists and Technicians	563	688	22.2%	Associate degree
31-2022	Physical Therapist Aides	164	199	21.3%	Short-term on-the-job training
29-1131	Veterinarians	342	414	21.1%	First professional degree
39-9031	Fitness Trainers and Aerobics Instructors	727	875	20.4%	Postsecondary vocational training
29-1126	Respiratory Therapists	562	676	20.3%	Associate degree
29-2052	Pharmacy Technicians	1,670	2,007	20.2%	Moderate-term on-the-job training
29-1071	Physician Assistants	744	894	20.2%	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	359	430	19.8%	Doctoral degree
13-2052	Personal Financial Advisors	332	397	19.6%	Bachelor's degree
33-9091	Crossing Guards	506	592	17.0%	Short-term on-the-job training
15-1031	Computer Software Engineers, Applications	1,092	1,274	16.7%	Bachelor's degree
31-9092	Medical Assistants	2,133	2,488	16.6%	Moderate-term on-the-job training
29-1123	Physical Therapists	1,084	1,258	16.1%	Master's degree
29-1111	Registered Nurses	14,501	16,826	16.0%	Associate degree
39-2011	Animal Trainers	101	117	15.8%	Moderate-term on-the-job training
29-2099	Health Technologists and Technicians, All Other	180	208	15.6%	Postsecondary vocational training
13-1071	Employment, Recruitment, and Placement Specialists	623	719	15.4%	Bachelor's degree
53-3041	Taxi Drivers and Chauffeurs	712	819	15.0%	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,830	2,105	15.0%	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	494	568	15.0%	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	127	146	15.0%	Short-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	230	264	14.8%	Moderate-term on-the-job training
51-8013	Power Plant Operators	413	474	14.8%	Long-term on-the-job training
31-9091	Dental Assistants	1,051	1,206	14.7%	Moderate-term on-the-job training
29-2021	Dental Hygienists	1,139	1,306	14.7%	Associate degree
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	382	437	14.4%	Moderate-term on-the-job training
13-1051	Cost Estimators	742	845	13.9%	Bachelor's degree

Occupations with fewer than 100 jobs in 2008 were excluded from this list.

Forty Occupations with the Largest Projected Net Job Loss in Maine Between 2008 and 2018

SOC Code	Occupation	Average Employment		Net Decline	Education/Training Requirement
		2008	2018		
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,395	9,683	-712	Short-term on-the-job training
11-1021	General and Operations Managers	8,288	7,576	-712	Bachelor's or higher degree, plus work experience
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,122	7,509	-613	Short-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	10,178	9,568	-610	Moderate-term on-the-job training
11-9012	Farmers and Ranchers	2,990	2,607	-383	Long-term on-the-job training
25-9041	Teacher Assistants	8,001	7,690	-311	Short-term on-the-job training
41-9041	Telemarketers	1,846	1,551	-295	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,162	6,901	-261	Short-term on-the-job training
51-2092	Team Assemblers	3,496	3,248	-248	Moderate-term on-the-job training
53-7064	Packers and Packagers, Hand	3,541	3,297	-244	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,478	2,234	-244	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,093	863	-230	Moderate-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	1,157	943	-214	Short-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,768	3,557	-211	Work experience in a related occupation
45-4022	Logging Equipment Operators	2,112	1,922	-190	Moderate-term on-the-job training
47-2111	Electricians	3,489	3,316	-173	Long-term on-the-job training
51-9198	Helpers--Production Workers	1,440	1,276	-164	Short-term on-the-job training
43-4071	File Clerks	506	344	-162	Short-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,923	1,764	-159	Moderate-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,341	5,185	-156	Bachelor's degree
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	830	688	-142	Moderate-term on-the-job training
53-7063	Machine Feeders and Offbearers	409	268	-141	Short-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	822	695	-127	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	695	580	-115	Moderate-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	953	839	-114	Long-term on-the-job training
41-2021	Counter and Rental Clerks	1,925	1,817	-108	Short-term on-the-job training
43-9021	Data Entry Keyers	696	589	-107	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	831	729	-102	Moderate-term on-the-job training
15-1021	Computer Programmers	625	524	-101	Bachelor's degree
43-4199	Information and Record Clerks, All Other	587	488	-99	Short-term on-the-job training
49-9044	Millwrights	611	514	-97	Long-term on-the-job training
17-3013	Mechanical Drafters	835	739	-96	Postsecondary vocational training
49-2011	Computer, Automated Teller, and Office Machine Repairers	880	785	-95	Postsecondary vocational training
51-2041	Structural Metal Fabricators and Fitters	833	738	-95	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,745	1,651	-94	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,749	2,656	-93	Long-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,788	1,695	-93	Moderate-term on-the-job training
51-9199	Production Workers, All Other	1,162	1,069	-93	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	930	837	-93	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	383	291	-92	Moderate-term on-the-job training

Forty Occupations with the Fastest Projected Rate of Job Loss in Maine Between 2008 and 2018

SOC Code	Occupation	Average Employment		Rate of Decline	Education/Training Requirement
		2008	2018		
53-7063	Machine Feeders and Offbearers	409	268	-34.5%	Short-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	144	96	-33.3%	Long-term on-the-job training
43-4071	File Clerks	506	344	-32.0%	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	188	129	-31.4%	Short-term on-the-job training
43-9011	Computer Operators	231	172	-25.5%	Moderate-term on-the-job training
53-7011	Conveyor Operators and Tenders	154	116	-24.7%	Short-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	383	291	-24.0%	Moderate-term on-the-job training
51-8091	Chemical Plant and System Operators	137	105	-23.4%	Long-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	201	157	-21.9%	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	122	96	-21.3%	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,093	863	-21.0%	Moderate-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	101	80	-20.8%	Short-term on-the-job training
27-1023	Floral Designers	432	347	-19.7%	Short-term on-the-job training
27-3011	Radio and Television Announcers	174	140	-19.5%	Long-term on-the-job training
43-4011	Brokerage Clerks	223	181	-18.8%	Moderate-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	1,157	943	-18.5%	Short-term on-the-job training
51-5022	Prepress Technicians and Workers	215	176	-18.1%	Postsecondary vocational training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	407	335	-17.7%	Short-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders,	830	688	-17.1%	Moderate-term on-the-job training
47-3016	Helpers--Roofers	147	122	-17.0%	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	587	488	-16.9%	Short-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	263	219	-16.7%	Moderate-term on-the-job training
43-9071	Office Machine Operators, Except Computer	138	115	-16.7%	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	695	580	-16.5%	Moderate-term on-the-job training
51-6051	Sewers, Hand	297	249	-16.2%	Short-term on-the-job training
15-1021	Computer Programmers	625	524	-16.2%	Bachelor's degree
41-9041	Telemarketers	1,846	1,551	-16.0%	Short-term on-the-job training
49-9044	Millwrights	611	514	-15.9%	Long-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	108	91	-15.7%	Short-term on-the-job training
51-5011	Bindery Workers	290	245	-15.5%	Short-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	822	695	-15.5%	Short-term on-the-job training
45-4023	Log Graders and Scalers	227	192	-15.4%	Moderate-term on-the-job training
43-9021	Data Entry Keyers	696	589	-15.4%	Moderate-term on-the-job training
31-9095	Pharmacy Aides	238	202	-15.1%	Short-term on-the-job training
27-4012	Broadcast Technicians	245	208	-15.1%	Associate Degree
43-4161	Human Resources Assistants, Except Payroll and Timekeeping Clerks	578	498	-13.8%	Short-term on-the-job training
25-9021	Farm and Home Management Advisors	123	106	-13.8%	Bachelor's degree
11-9012	Farmers and Ranchers	2,990	2,607	-12.8%	Long-term on-the-job training
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	831	729	-12.3%	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	348	306	-12.1%	Moderate-term on-the-job training

Occupations with fewer than 100 jobs in 2008 were excluded from this list.

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
00-0000	Total, All Occupations	675,743	690,130	14,387	2.1%	2,827	15,149	17,976	\$18.53	NA
11-0000	Management Occupations	38,472	37,693	-779	-2.0%	75	842	917	\$38.07	NA
11-1011	Chief Executives	950	866	-84	-8.8%	0	27	27	\$63.83	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	8,288	7,576	-712	-8.6%	0	240	240	\$43.30	Bachelor's or higher degree, plus work experience
11-1031	Legislators	479	452	-27	-5.6%	0	14	14	\$23,920.00	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	277	255	-22	-7.9%	0	7	7	\$28.58	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	596	623	27	4.5%	3	13	16	\$38.36	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	1,244	1,346	102	8.2%	10	27	37	\$41.27	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	280	299	19	6.8%	2	7	9	\$35.61	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	1,248	1,287	39	3.1%	4	26	30	\$30.16	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	892	940	48	5.4%	5	15	20	\$44.25	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	2,945	2,952	7	0.2%	1	53	54	\$38.70	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	182	179	-3	-1.6%	0	4	4	\$37.63	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	104	108	4	3.8%	0	2	2	\$35.73	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	326	338	12	3.7%	1	7	8	\$38.67	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	656	579	-77	-11.7%	0	23	23	\$40.12	Work experience in a related occupation
11-3061	Purchasing Managers	380	373	-7	-1.8%	0	11	11	\$37.52	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	583	525	-58	-9.9%	0	16	16	\$32.62	Work experience in a related occupation
11-9011	Farm, Ranch, and Other Agricultural Managers	569	639	70	12.3%	7	12	19	\$29.43	Bachelor's or higher degree, plus work experience
11-9012	Farmers and Ranchers	2,990	2,607	-383	-12.8%	0	18	18	na	Long-term on-the-job training
11-9021	Construction Managers	2,324	2,498	174	7.5%	17	18	35	\$35.14	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	250	232	-18	-7.2%	0	8	8	\$18.96	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	1,512	1,467	-45	-3.0%	0	45	45	\$69,500.00	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	542	533	-9	-1.7%	0	16	16	\$37.19	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	163	176	13	8.0%	1	5	6	\$25.61	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	610	593	-17	-2.8%	0	12	12	\$49.61	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	2,146	2,137	-9	-0.4%	0	42	42	\$23.64	Work experience in a related occupation
11-9061	Funeral Directors	227	251	24	10.6%	2	5	7	\$29.09	Associate degree
11-9081	Lodging Managers	997	1,033	36	3.6%	4	21	25	\$29.85	Work experience in a related occupation
11-9111	Medical and Health Services Managers	1,607	1,738	131	8.2%	13	31	44	\$39.13	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	121	130	9	7.4%	1	4	5	\$43.16	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	410	391	-19	-4.6%	0	8	8	\$27.04	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	751	766	15	2.0%	2	13	15	\$26.98	Bachelor's degree
11-9151	Social and Community Service Managers	1,128	1,085	-43	-3.8%	0	26	26	\$24.93	Bachelor's degree
11-9199	Managers, All Other	2,637	2,654	17	0.6%	2	68	70	\$34.76	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	23,916	25,535	1,619	6.8%	170	489	659	\$26.59	NA

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	24	27	3	12.5%	0	1	1	\$87.67	Bachelor's or higher degree, plus work experience
13-1021	Purchasing Agents and Buyers, Farm Products	284	276	-8	-2.8%	0	6	6	\$24.34	Long-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	600	585	-15	-2.5%	0	15	15	\$25.34	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	926	1,005	79	8.5%	8	24	32	\$24.79	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	1,626	1,686	60	3.7%	6	41	47	\$25.91	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	47	46	-1	-2.1%	0	1	1	\$20.21	Postsecondary vocational training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,048	1,286	238	22.7%	24	11	35	\$24.28	Long-term on-the-job training
13-1051	Cost Estimators	742	845	103	13.9%	10	17	27	\$26.07	Bachelor's degree
13-1061	Emergency Management Specialists	85	95	10	11.8%	1	2	3	\$23.21	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	623	719	96	15.4%	10	16	26	\$26.19	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	843	925	82	9.7%	8	22	30	\$23.85	Bachelor's degree
13-1073	Training and Development Specialists	1,069	1,190	121	11.3%	12	28	40	\$23.96	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	528	561	33	6.3%	3	14	17	\$24.27	Bachelor's degree
13-1081	Logisticians	159	181	22	13.8%	2	4	6	\$31.26	Bachelor's degree
13-1111	Management Analysts	1,622	1,681	59	3.6%	6	28	34	\$31.86	Bachelor's or higher degree, plus work experience
13-1121	Meeting and Convention Planners	196	209	13	6.6%	1	4	5	\$19.62	Bachelor's degree
13-1199	Business Operations Specialists, All Other	3,709	3,777	68	1.8%	7	82	89	\$27.88	Bachelor's degree
13-2011	Accountants and Auditors	4,283	4,777	494	11.5%	49	72	121	\$28.00	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	690	672	-18	-2.6%	0	13	13	\$23.45	Associate degree
13-2031	Budget Analysts	167	179	12	7.2%	1	3	4	\$29.21	Bachelor's degree
13-2041	Credit Analysts	433	421	-12	-2.8%	0	8	8	\$22.16	Bachelor's degree
13-2051	Financial Analysts	380	413	33	8.7%	3	7	10	\$39.96	Bachelor's degree
13-2052	Personal Financial Advisors	332	397	65	19.6%	7	4	11	\$33.44	Bachelor's degree
13-2053	Insurance Underwriters	560	555	-5	-0.9%	0	16	16	\$30.32	Bachelor's degree
13-2061	Financial Examiners	110	144	34	30.9%	3	2	5	\$30.90	Bachelor's degree
13-2071	Loan Counselors	88	92	4	4.5%	0	1	1	\$25.78	Bachelor's degree
13-2072	Loan Officers	1,480	1,523	43	2.9%	4	16	20	\$26.23	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	490	504	14	2.9%	1	17	18	\$20.10	Bachelor's degree
13-2082	Tax Preparers	229	210	-19	-8.3%	0	4	4	\$13.86	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	543	554	11	2.0%	1	10	11	\$25.94	Bachelor's degree
15-0000	Computer and Mathematical Occupations	8,810	9,501	691	7.8%	81	174	255	\$29.08	NA
15-1021	Computer Programmers	625	524	-101	-16.2%	0	12	12	\$26.87	Bachelor's degree
15-1031	Computer Software Engineers, Applications	1,092	1,274	182	16.7%	18	9	27	\$31.39	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	347	384	37	10.7%	4	3	7	\$39.83	Bachelor's degree
15-1041	Computer Support Specialists	1,868	1,846	-22	-1.2%	0	52	52	\$20.31	Associate degree
15-1051	Computer Systems Analysts	1,726	1,835	109	6.3%	11	37	48	\$33.60	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
15-1061	Database Administrators	272	294	22	8.1%	2	5	7	\$33.23	Bachelor's degree
15-1071	Network and Computer Systems Administrators	1,220	1,315	95	7.8%	10	20	30	\$28.77	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	831	1,160	329	39.6%	33	15	48	\$30.15	Bachelor's degree
15-1099	Computer Specialists, All Other	384	394	10	2.6%	1	8	9	\$32.48	Associate degree
15-2011	Actuaries	229	252	23	10.0%	2	7	9	\$29.06	Bachelor's or higher degree, plus work experience
15-2031	Operations Research Analysts	158	162	4	2.5%	0	5	5	\$30.51	Master's degree
15-2041	Statisticians	53	56	3	5.7%	0	2	2	\$26.90	Master's degree
17-0000	Architecture and Engineering Occupations	9,752	9,916	164	1.7%	35	204	239	\$30.80	NA
17-1011	Architects, Except Landscape and Naval	431	441	10	2.3%	1	7	8	\$28.81	Bachelor's degree
17-1012	Landscape Architects	115	122	7	6.1%	1	2	3	\$30.84	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	59	64	5	8.5%	1	2	3	\$29.62	Bachelor's degree
17-1022	Surveyors	399	397	-2	-0.5%	0	10	10	\$27.67	Bachelor's degree
17-2031	Biomedical Engineers	21	35	14	66.7%	1	0	1	\$35.27	Bachelor's degree
17-2041	Chemical Engineers	152	152	0	0.0%	0	4	4	\$45.32	Bachelor's degree
17-2051	Civil Engineers	868	964	96	11.1%	10	15	25	\$33.92	Bachelor's degree
17-2061	Computer Hardware Engineers	19	15	-4	-21.1%	0	1	1	\$34.15	Bachelor's degree
17-2071	Electrical Engineers	389	376	-13	-3.3%	0	9	9	\$45.34	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	238	228	-10	-4.2%	0	6	6	\$40.41	Bachelor's degree
17-2081	Environmental Engineers	404	444	40	9.9%	4	8	12	\$31.00	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	128	133	5	3.9%	1	3	4	\$26.37	Bachelor's degree
17-2112	Industrial Engineers	682	743	61	8.9%	6	17	23	\$34.99	Bachelor's degree
17-2121	Marine Engineers and Naval Architects	74	73	-1	-1.4%	0	2	2	\$39.65	Bachelor's degree
17-2131	Materials Engineers	54	54	0	0.0%	0	1	1	\$41.33	Bachelor's degree
17-2141	Mechanical Engineers	656	673	17	2.6%	2	17	19	\$37.20	Bachelor's degree
17-2199	Engineers, All Other	260	264	4	1.5%	0	5	5	\$40.66	Bachelor's degree
17-3011	Architectural and Civil Drafters	807	782	-25	-3.1%	0	17	17	\$21.11	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	98	97	-1	-1.0%	0	2	2	\$24.91	Postsecondary vocational training
17-3013	Mechanical Drafters	835	739	-96	-11.5%	0	18	18	\$25.04	Postsecondary vocational training
17-3019	Drafters, All Other	60	56	-4	-6.7%	0	1	1	\$21.04	Postsecondary vocational training
17-3022	Civil Engineering Technicians	428	445	17	4.0%	2	8	10	\$22.27	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	438	433	-5	-1.1%	0	8	8	\$24.01	Associate degree
17-3024	Electro-Mechanical Technicians	182	180	-2	-1.1%	0	3	3	\$27.23	Associate degree
17-3025	Environmental Engineering Technicians	213	235	22	10.3%	2	4	6	\$19.53	Associate degree
17-3026	Industrial Engineering Technicians	471	478	7	1.5%	1	9	10	\$23.25	Associate degree
17-3027	Mechanical Engineering Technicians	121	108	-13	-10.7%	0	2	2	\$26.43	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	566	577	11	1.9%	1	11	12	\$34.91	Associate degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
17-3031	Surveying and Mapping Technicians	284	303	19	6.7%	2	5	7	\$18.69	Moderate-term on-the-job training
19-0000	Life, Physical, and Social Science Occupations	5,361	5,746	385	7.2%	39	167	206	\$27.37	NA
19-1011	Animal Scientists	22	24	2	9.1%	0	1	1	\$30.43	Doctoral degree
19-1012	Food Scientists and Technologists	26	29	3	11.5%	0	1	1	\$41.40	Bachelor's degree
19-1013	Soil and Plant Scientists	50	53	3	6.0%	0	2	2	\$25.34	Bachelor's degree
19-1022	Microbiologists	66	71	5	7.6%	1	2	3	\$32.69	Doctoral degree
19-1023	Zoologists and Wildlife Biologists	223	226	3	1.3%	0	7	7	\$24.54	Bachelor's degree
19-1031	Conservation Scientists	64	69	5	7.8%	1	1	2	\$26.73	Bachelor's degree
19-1032	Foresters	124	123	-1	-0.8%	0	1	1	\$24.09	Bachelor's degree
19-1041	Epidemiologists	31	33	2	6.5%	0	1	1	\$36.89	Master's degree
19-1042	Medical Scientists, Except Epidemiologists	114	152	38	33.3%	4	2	6	\$42.89	Doctoral degree
19-2012	Physicists	47	49	2	4.3%	0	1	1	\$48.73	Doctoral degree
19-2021	Atmospheric and Space Scientists	28	27	-1	-3.6%	0	1	1	\$39.90	Bachelor's degree
19-2031	Chemists	179	192	13	7.3%	1	6	7	\$27.80	Bachelor's degree
19-2032	Materials Scientists	40	47	7	17.5%	1	1	2	\$34.37	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	725	766	41	5.7%	4	21	25	\$25.72	Master's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	120	125	5	4.2%	1	3	4	\$29.11	Master's degree
19-3011	Economists	45	42	-3	-6.7%	0	1	1	\$31.46	Master's degree
19-3021	Market Research Analysts	164	184	20	12.2%	2	4	6	\$29.03	Bachelor's degree
19-3022	Survey Researchers	42	50	8	19.0%	1	1	2	\$18.89	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	687	718	31	4.5%	3	20	23	\$34.63	Doctoral degree
19-3039	Psychologists, All Other	54	57	3	5.6%	0	2	2	\$37.54	Master's degree
19-3051	Urban and Regional Planners	236	252	16	6.8%	2	5	7	\$27.66	Master's degree
19-3093	Historians	10	9	-1	-10.0%	0	1	1	\$17.33	Master's degree
19-3099	Social Scientists and Related Workers, All Other	78	93	15	19.2%	2	4	6	\$31.27	Master's degree
19-4011	Agricultural and Food Science Technicians	37	40	3	8.1%	0	1	1	\$17.08	Associate degree
19-4021	Biological Technicians	664	731	67	10.1%	7	23	30	\$18.84	Bachelor's degree
19-4031	Chemical Technicians	149	149	0	0.0%	0	3	3	\$17.01	Associate degree
19-4041	Geological and Petroleum Technicians	15	17	2	13.3%	0	1	1	\$19.76	Associate degree
19-4061	Social Science Research Assistants	321	337	16	5.0%	2	14	16	\$21.06	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	231	239	8	3.5%	1	10	11	\$16.19	Associate degree
19-4093	Forest and Conservation Technicians	53	55	2	3.8%	0	2	2	\$19.23	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	206	213	7	3.4%	1	9	10	\$23.07	Associate degree
21-0000	Community and Social Services Occupations	15,628	16,196	568	3.6%	67	340	407	\$18.49	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	557	608	51	9.2%	5	11	16	\$22.33	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	1,194	1,211	17	1.4%	2	24	26	\$22.66	Master's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
21-1014	Mental Health Counselors	418	430	12	2.9%	1	9	10	\$26.51	Master's degree
21-1015	Rehabilitation Counselors	690	705	15	2.2%	2	14	16	\$16.74	Master's degree
21-1019	Counselors, All Other	40	44	4	10.0%	0	1	1	\$19.27	Master's degree
21-1021	Child, Family, and School Social Workers	2,058	1,983	-75	-3.6%	0	52	52	\$19.33	Bachelor's degree
21-1022	Medical and Public Health Social Workers	712	775	63	8.8%	6	18	24	\$21.42	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	1,494	1,594	100	6.7%	10	38	48	\$18.77	Master's degree
21-1029	Social Workers, All Other	224	210	-14	-6.3%	0	6	6	\$21.85	Bachelor's degree
21-1091	Health Educators	449	486	37	8.2%	4	10	14	\$20.32	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Specialists	396	447	51	12.9%	5	8	13	\$18.16	Bachelor's degree
21-1093	Social and Human Service Assistants	3,943	4,139	196	5.0%	20	84	104	\$13.52	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	253	242	-11	-4.3%	0	5	5	\$15.44	Bachelor's degree
21-2011	Clergy	2,305	2,396	91	3.9%	9	46	55	\$17.07	Master's degree
23-0000	Legal Occupations	4,758	4,916	158	3.3%	17	78	95	\$34.31	NA
23-1011	Lawyers	2,797	2,797	0	0.0%	0	52	52	\$45.01	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	113	116	3	2.7%	0	2	2	\$29.69	Bachelor's or higher degree, plus work experience
23-1022	Arbitrators, Mediators, and Conciliators	45	44	-1	-2.2%	0	1	1	\$25.32	Bachelor's or higher degree, plus work experience
23-1023	Judges, Magistrate Judges, and Magistrates	88	81	-7	-8.0%	0	2	2	\$53.57	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	1,293	1,424	131	10.1%	13	15	28	\$20.10	Associate degree
23-2092	Law Clerks	67	67	0	0.0%	0	1	1	\$24.70	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	70	64	-6	-8.6%	0	1	1	\$18.57	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	137	139	2	1.5%	0	2	2	\$20.63	Moderate-term on-the-job training
25-0000	Education, Training, and Library Occupations	40,702	41,315	613	1.5%	118	922	1,040	\$20.08	NA
25-1011	Business Teachers, Postsecondary	251	279	28	11.2%	3	4	7	\$78,020.00	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	125	141	16	12.8%	2	2	4	\$69,560.00	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	192	215	23	12.0%	2	3	5	\$67,560.00	Doctoral degree
25-1031	Architecture Teachers, Postsecondary	20	24	4	20.0%	0	0	0	\$54,280.00	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	173	189	16	9.2%	2	3	5	\$80,700.00	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	203	223	20	9.9%	2	4	6	\$78,770.00	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	131	143	12	9.2%	1	2	3	\$80,340.00	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	108	117	9	8.3%	1	2	3	\$75,650.00	Doctoral degree
25-1053	Environmental Science Teachers, Postsecondary	32	36	4	12.5%	0	1	1	\$59,470.00	Doctoral degree
25-1054	Physics Teachers, Postsecondary	56	61	5	8.9%	1	1	2	\$79,820.00	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	47	51	4	8.5%	0	1	1	\$77,790.00	Doctoral degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	31	34	3	9.7%	0	1	1	\$67,860.00	Doctoral degree
25-1063	Economics Teachers, Postsecondary	90	98	8	8.9%	1	2	3	\$94,330.00	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	95	103	8	8.4%	1	2	3	\$85,670.00	Doctoral degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
25-1066	Psychology Teachers, Postsecondary	134	147	13	9.7%	1	2	3	\$69,860.00	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	67	73	6	9.0%	1	1	2	\$80,370.00	Doctoral degree
25-1069	Social Sciences Teachers, Postsecondary, All Other	64	70	6	9.4%	1	1	2	\$67,530.00	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	154	173	19	12.3%	2	3	5	\$57,440.00	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	227	254	27	11.9%	3	4	7	\$62,320.00	Doctoral degree
25-1081	Education Teachers, Postsecondary	519	566	47	9.1%	5	9	14	\$59,480.00	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	35	39	4	11.4%	0	1	1	\$55,760.00	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	254	276	22	8.7%	2	4	6	\$71,870.00	Doctoral degree
25-1122	Communications Teachers, Postsecondary	105	119	14	13.3%	1	2	3	\$58,360.00	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	301	332	31	10.3%	3	5	8	\$61,830.00	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	129	140	11	8.5%	1	2	3	\$72,180.00	Doctoral degree
25-1125	History Teachers, Postsecondary	132	145	13	9.8%	1	2	3	\$72,570.00	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	83	91	8	9.6%	1	1	2	\$74,050.00	Doctoral degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	88	95	7	8.0%	1	2	3	\$54,580.00	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	359	430	71	19.8%	7	6	13	\$24.33	Doctoral degree
25-1199	Postsecondary Teachers, All Other	376	410	34	9.0%	3	7	10	\$50,670.00	Doctoral degree
25-2011	Preschool Teachers, Except Special Education	1,452	1,435	-17	-1.2%	0	29	29	\$13.17	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	924	949	25	2.7%	3	19	22	\$44,680.00	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	6,333	6,542	209	3.3%	21	144	165	\$45,270.00	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	3,185	3,276	91	2.9%	9	72	81	\$46,080.00	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	32	29	-3	-9.4%	0	1	1	\$52,620.00	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,341	5,185	-156	-2.9%	0	155	155	\$45,380.00	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	227	221	-6	-2.6%	0	7	7	\$46,160.00	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,713	1,825	112	6.5%	11	44	55	\$43,720.00	Bachelor's degree
25-2042	Special Education Teachers, Middle School	582	614	32	5.5%	3	15	18	\$44,960.00	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	713	719	6	0.8%	1	19	20	\$44,830.00	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,524	1,605	81	5.3%	8	23	31	\$14.46	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	2,584	2,551	-33	-1.3%	0	40	40	\$23,730.00	Bachelor's degree
25-4011	Archivists	37	37	0	0.0%	0	1	1	\$21.41	Master's degree
25-4012	Curators	100	111	11	11.0%	1	3	4	\$12.19	Master's degree
25-4013	Museum Technicians and Conservators	109	122	13	11.9%	1	3	4	\$17.93	Bachelor's degree
25-4021	Librarians	900	884	-16	-1.8%	0	24	24	\$20.92	Master's degree
25-4031	Library Technicians	1,100	1,112	12	1.1%	1	49	50	\$14.27	Postsecondary vocational training
25-9021	Farm and Home Management Advisors	123	106	-17	-13.8%	0	3	3	\$24.46	Bachelor's degree
25-9031	Instructional Coordinators	403	453	50	12.4%	5	9	14	\$23.89	Master's degree
25-9041	Teacher Assistants	8,001	7,690	-311	-3.9%	0	169	169	\$27,960.00	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
25-9099	Education, Training, and Library Workers, All Other	117	127	10	8.5%	1	3	4	\$17.57	Bachelor's degree
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	12,169	12,397	228	1.9%	52	294	346	\$18.16	NA
27-1011	Art Directors	272	284	12	4.4%	1	6	7	\$37.28	Bachelor's or higher degree, plus work experience
27-1012	Craft Artists	188	166	-22	-11.7%	0	4	4	\$14.29	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	153	153	0	0.0%	0	3	3	\$23.09	Bachelor's degree
27-1021	Commercial and Industrial Designers	216	219	3	1.4%	0	7	7	\$29.29	Bachelor's degree
27-1022	Fashion Designers	85	87	2	2.4%	0	3	3	\$39.20	Associate degree
27-1023	Floral Designers	432	347	-85	-19.7%	0	13	13	\$11.40	Short-term on-the-job training
27-1024	Graphic Designers	954	977	23	2.4%	2	29	31	\$18.89	Bachelor's degree
27-1029	Designers, All Other	115	117	2	1.7%	0	4	4	\$20.20	Bachelor's degree
27-2012	Producers and Directors	332	319	-13	-3.9%	0	10	10	\$22.47	Bachelor's or higher degree, plus work experience
27-2022	Coaches and Scouts	2,304	2,461	157	6.8%	16	44	60	\$22,490.00	Long-term on-the-job training
27-3011	Radio and Television Announcers	174	140	-34	-19.5%	0	5	5	\$16.21	Long-term on-the-job training
27-3022	Reporters and Correspondents	428	385	-43	-10.0%	0	12	12	\$17.40	Bachelor's degree
27-3031	Public Relations Specialists	1,168	1,317	149	12.8%	15	28	43	\$24.11	Bachelor's degree
27-3041	Editors	471	436	-35	-7.4%	0	12	12	\$24.93	Bachelor's degree
27-3042	Technical Writers	55	58	3	5.5%	0	1	1	\$23.36	Bachelor's degree
27-3043	Writers and Authors	880	973	93	10.6%	9	18	27	\$24.81	Bachelor's degree
27-3099	Media and Communication Workers, All Other	72	72	0	0.0%	0	2	2	\$18.37	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	144	148	4	2.8%	0	4	4	\$17.28	Postsecondary vocational training
27-4012	Broadcast Technicians	245	208	-37	-15.1%	0	7	7	\$15.45	Associate degree
27-4014	Sound Engineering Technicians	24	23	-1	-4.2%	0	1	1	\$18.58	Postsecondary vocational training
27-4021	Photographers	672	699	27	4.0%	3	13	16	\$14.54	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	98	95	-3	-3.1%	0	2	2	\$14.34	Bachelor's degree
27-4032	Film and Video Editors	114	115	1	0.9%	0	3	3	\$20.50	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	26	28	2	7.7%	0	1	1	\$28.43	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	38,603	43,487	4,884	12.7%	490	759	1,249	\$34.02	NA
29-1011	Chiropractors	358	384	26	7.3%	3	6	9	\$35.76	First professional degree
29-1021	Dentists, General	542	541	-1	-0.2%	0	15	15	\$99.02	First professional degree
29-1031	Dietitians and Nutritionists	310	311	1	0.3%	0	10	10	\$25.66	Bachelor's degree
29-1041	Optometrists	168	188	20	11.9%	2	6	8	\$52.13	First professional degree
29-1051	Pharmacists	1,288	1,401	113	8.8%	11	29	40	\$55.66	First professional degree
29-1061	Anesthesiologists	314	334	20	6.4%	2	6	8	\$90.01	First professional degree
29-1062	Family and General Practitioners	875	937	62	7.1%	6	15	21	\$69.23	First professional degree
29-1063	Internists, General	449	477	28	6.2%	3	8	11	\$76.22	First professional degree
29-1064	Obstetricians and Gynecologists	169	182	13	7.7%	1	3	4	\$101.01	First professional degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
29-1065	Pediatricians, General	163	175	12	7.4%	1	3	4	\$77.66	First professional degree
29-1066	Psychiatrists	153	167	14	9.2%	1	3	4	\$84.24	First professional degree
29-1067	Surgeons	456	485	29	6.4%	3	8	11	na	First professional degree
29-1069	Physicians and Surgeons, All Other	1,474	1,575	101	6.9%	10	26	36	\$81.09	First professional degree
29-1071	Physician Assistants	744	894	150	20.2%	15	14	29	\$41.32	Master's degree
29-1081	Podiatrists	38	36	-2	-5.3%	0	1	1	\$58.00	First professional degree
29-1111	Registered Nurses	14,501	16,826	2,325	16.0%	233	253	486	\$31.37	Associate degree
29-1122	Occupational Therapists	682	728	46	6.7%	5	12	17	\$27.56	Master's degree
29-1123	Physical Therapists	1,084	1,258	174	16.1%	17	13	30	\$33.66	Master's degree
29-1124	Radiation Therapists	107	131	24	22.4%	2	2	4	\$31.92	Associate degree
29-1125	Recreational Therapists	96	102	6	6.3%	1	3	4	\$19.09	Bachelor's degree
29-1126	Respiratory Therapists	562	676	114	20.3%	11	10	21	\$26.03	Associate degree
29-1127	Speech-Language Pathologists	762	851	89	11.7%	9	14	23	\$26.90	Master's degree
29-1131	Veterinarians	342	414	72	21.1%	7	6	13	\$39.63	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	197	213	16	8.1%	2	4	6	\$27.76	Bachelor's degree
29-2011	Medical and Clinical Laboratory Technologists	951	1,034	83	8.7%	8	18	26	\$25.50	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	726	768	42	5.8%	4	14	18	\$18.63	Associate degree
29-2021	Dental Hygienists	1,139	1,306	167	14.7%	17	23	40	\$31.21	Associate degree
29-2031	Cardiovascular Technologists and Technicians	179	220	41	22.9%	4	3	7	\$25.32	Associate degree
29-2032	Diagnostic Medical Sonographers	171	191	20	11.7%	2	3	5	\$31.65	Associate degree
29-2033	Nuclear Medicine Technologists	84	94	10	11.9%	1	1	2	\$32.55	Associate degree
29-2034	Radiologic Technologists and Technicians	1,317	1,455	138	10.5%	14	19	33	\$25.82	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	1,306	1,415	109	8.3%	11	27	38	\$14.52	Postsecondary vocational training
29-2051	Dietetic Technicians	181	189	8	4.4%	1	5	6	\$13.76	Postsecondary vocational training
29-2052	Pharmacy Technicians	1,670	2,007	337	20.2%	34	42	76	\$13.39	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	105	113	8	7.6%	1	3	4	\$13.60	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	65	66	1	1.5%	0	2	2	\$22.56	Postsecondary vocational training
29-2055	Surgical Technologists	489	599	110	22.5%	11	12	23	\$19.30	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	563	688	125	22.2%	13	14	27	\$14.32	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,759	1,826	67	3.8%	7	55	62	\$19.07	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	786	859	73	9.3%	7	16	23	\$15.00	Associate degree
29-2081	Opticians, Dispensing	242	232	-10	-4.1%	0	5	5	\$15.63	Long-term on-the-job training
29-2099	Health Technologists and Technicians, All Other	180	208	28	15.6%	3	4	7	\$19.33	Postsecondary vocational training
29-9011	Occupational Health and Safety Specialists	248	252	4	1.6%	0	8	8	\$30.29	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	54	57	3	5.6%	0	2	2	\$19.57	Associate degree
29-9091	Athletic Trainers	95	122	27	28.4%	3	3	6	\$46,140.00	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
29-9099	Healthcare Practitioners and Technical Workers, All Other	202	223	21	10.4%	2	7	9	\$27.28	Bachelor's degree
31-0000	Healthcare Support Occupations	23,620	26,226	2,606	11.0%	264	254	518	\$12.42	NA
31-1011	Home Health Aides	5,536	6,966	1,430	25.8%	143	55	198	\$10.82	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,158	10,506	348	3.4%	35	101	136	\$11.53	Postsecondary vocational training
31-1013	Psychiatric Aides	971	1,034	63	6.5%	6	10	16	\$13.99	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	145	154	9	6.2%	1	2	3	\$15.97	Associate degree
31-2021	Physical Therapist Assistants	197	241	44	22.3%	4	3	7	\$20.35	Associate degree
31-2022	Physical Therapist Aides	164	199	35	21.3%	4	2	6	\$12.06	Short-term on-the-job training
31-9091	Dental Assistants	1,051	1,206	155	14.7%	16	20	36	\$17.10	Moderate-term on-the-job training
31-9092	Medical Assistants	2,133	2,488	355	16.6%	36	24	60	\$14.17	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	255	285	30	11.8%	3	3	6	\$13.75	Short-term on-the-job training
31-9094	Medical Transcriptionists	1,026	1,038	12	1.2%	1	11	12	\$15.70	Postsecondary vocational training
31-9095	Pharmacy Aides	238	202	-36	-15.1%	0	3	3	\$10.50	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	725	803	78	10.8%	8	8	16	\$13.10	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	513	555	42	8.2%	4	6	10	\$12.89	Short-term on-the-job training
33-0000	Protective Service Occupations	10,602	11,044	442	4.2%	45	314	359	\$16.78	NA
33-1012	First-Line Supervisors/Managers of Police and Detectives	347	351	4	1.2%	0	15	15	\$29.35	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	253	256	3	1.2%	0	13	13	\$24.32	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	135	141	6	4.4%	1	5	6	\$22.15	Work experience in a related occupation
33-2011	Fire Fighters	1,577	1,757	180	11.4%	18	48	66	\$15.85	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	80	81	1	1.3%	0	2	2	\$22.44	Work experience in a related occupation
33-3011	Bailiffs	102	104	2	2.0%	0	2	2	\$14.27	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,346	1,370	24	1.8%	2	30	32	\$16.24	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	404	439	35	8.7%	4	8	12	\$26.46	Work experience in a related occupation
33-3031	Fish and Game Wardens	123	125	2	1.6%	0	3	3	\$19.55	Associate degree
33-3041	Parking Enforcement Workers	51	47	-4	-7.8%	0	1	1	\$15.24	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	2,122	2,164	42	2.0%	4	55	59	\$19.51	Long-term on-the-job training
33-9011	Animal Control Workers	160	163	3	1.9%	0	4	4	\$11.20	Moderate-term on-the-job training
33-9032	Security Guards	2,111	2,139	28	1.3%	3	43	46	\$12.47	Short-term on-the-job training
33-9091	Crossing Guards	506	592	86	17.0%	9	14	23	\$9.31	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	346	355	9	2.6%	1	23	24	\$9.66	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	503	503	0	0.0%	0	34	34	\$14.10	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	54,097	56,222	2,125	3.9%	226	1,819	2,045	\$10.15	NA
35-1011	Chefs and Head Cooks	549	526	-23	-4.2%	0	5	5	\$19.93	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,294	4,352	58	1.4%	6	41	47	\$14.18	Work experience in a related occupation
35-2011	Cooks, Fast Food	1,060	1,094	34	3.2%	3	27	30	\$8.54	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
35-2012	Cooks, Institution and Cafeteria	2,172	2,217	45	2.1%	5	56	61	\$12.33	Moderate-term on-the-job training
35-2013	Cooks, Private Household	8	7	-1	-12.5%	0	0	0	na	Long-term on-the-job training
35-2014	Cooks, Restaurant	4,650	4,784	134	2.9%	13	119	132	\$11.28	Long-term on-the-job training
35-2015	Cooks, Short Order	1,040	988	-52	-5.0%	0	27	27	\$10.64	Short-term on-the-job training
35-2019	Cooks, All Other	34	39	5	14.7%	1	1	2	\$12.30	Moderate-term on-the-job training
35-2021	Food Preparation Workers	5,741	5,693	-48	-0.8%	0	206	206	\$10.27	Short-term on-the-job training
35-3011	Bartenders	2,775	2,875	100	3.6%	10	99	109	\$9.89	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	14,489	15,784	1,295	8.9%	130	307	437	\$8.72	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,623	1,675	52	3.2%	5	119	124	\$8.72	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,308	10,602	294	2.9%	29	569	598	\$10.01	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	733	767	34	4.6%	3	13	16	\$10.07	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	819	828	9	1.1%	1	36	37	\$8.83	Short-term on-the-job training
35-9021	Dishwashers	2,394	2,565	171	7.1%	17	99	116	\$8.81	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,371	1,397	26	1.9%	3	95	98	\$9.48	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	26,727	26,304	-423	-1.6%	59	434	493	\$12.50	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,190	1,150	-40	-3.4%	0	12	12	\$17.17	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,484	1,571	87	5.9%	9	16	25	\$19.77	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,395	9,683	-712	-6.8%	0	196	196	\$12.42	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,162	6,901	-261	-3.6%	0	129	129	\$10.24	Short-term on-the-job training
37-2021	Pest Control Workers	113	113	0	0.0%	0	4	4	\$15.71	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	6,091	6,569	478	7.8%	48	73	121	\$12.86	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	46	46	0	0.0%	0	1	1	\$14.92	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	23,532	25,803	2,271	9.7%	233	523	756	\$11.06	NA
39-1011	Gaming Supervisors	38	40	2	5.3%	0	1	1	\$19.62	Work experience in a related occupation
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,483	1,543	60	4.0%	6	40	46	\$15.66	Work experience in a related occupation
39-2011	Animal Trainers	101	117	16	15.8%	2	2	4	\$17.28	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	1,020	1,068	48	4.7%	5	22	27	\$10.48	Short-term on-the-job training
39-3021	Motion Picture Projectionists	104	112	8	7.7%	1	4	5	\$10.10	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	127	146	19	15.0%	2	8	10	\$8.44	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	745	807	62	8.3%	6	39	45	\$9.85	Short-term on-the-job training
39-3092	Costume Attendants	23	24	1	4.3%	0	1	1	\$14.43	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	35	36	1	2.9%	0	2	2	\$8.35	Short-term on-the-job training
39-4021	Funeral Attendants	151	191	40	26.5%	4	7	11	\$12.07	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,859	3,965	106	2.7%	11	57	68	\$12.67	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	129	131	2	1.6%	0	2	2	\$11.33	Postsecondary vocational training
39-5094	Skin Care Specialists	95	109	14	14.7%	1	1	2	\$17.69	Postsecondary vocational training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
39-6011	Baggage Porters and Bellhops	136	143	7	5.1%	1	4	5	\$9.30	Short-term on-the-job training
39-6012	Concierges	35	39	4	11.4%	0	1	1	\$12.91	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	104	106	2	1.9%	0	4	4	\$10.93	Moderate-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	23	22	-1	-4.3%	0	1	1	\$12.61	Short-term on-the-job training
39-9011	Child Care Workers	5,824	5,783	-41	-0.7%	0	170	170	\$10.47	Short-term on-the-job training
39-9021	Personal and Home Care Aides	6,201	7,800	1,599	25.8%	160	77	237	\$9.82	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	727	875	148	20.4%	15	13	28	\$13.82	Postsecondary vocational training
39-9032	Recreation Workers	1,325	1,412	87	6.6%	9	24	33	\$12.37	Short-term on-the-job training
39-9041	Residential Advisors	168	152	-16	-9.5%	0	6	6	\$12.62	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	494	568	74	15.0%	7	11	18	\$9.96	Short-term on-the-job training
41-0000	Sales and Related Occupations	71,276	72,261	985	1.4%	176	2,102	2,278	\$15.21	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,534	10,620	86	0.8%	9	226	235	\$18.00	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,800	1,798	-2	-0.1%	0	37	37	\$29.47	Work experience in a related occupation
41-2011	Cashiers	16,867	17,220	353	2.1%	35	758	793	\$8.96	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1,925	1,817	-108	-5.6%	0	51	51	\$11.66	Short-term on-the-job training
41-2022	Parts Salespersons	1,462	1,516	54	3.7%	5	52	57	\$15.17	Moderate-term on-the-job training
41-2031	Retail Salespersons	19,164	20,049	885	4.6%	89	535	624	\$12.36	Short-term on-the-job training
41-3011	Advertising Sales Agents	681	652	-29	-4.3%	0	14	14	\$19.58	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	3,647	3,667	20	0.5%	2	85	87	\$26.81	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,047	1,007	-40	-3.8%	0	32	32	\$53.01	Bachelor's degree
41-3041	Travel Agents	351	339	-12	-3.4%	0	3	3	\$14.71	Postsecondary vocational training
41-3099	Sales Representatives, Services, All Other	1,314	1,361	47	3.6%	5	33	38	\$31.27	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	812	835	23	2.8%	2	19	21	\$31.04	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5,755	5,920	165	2.9%	17	133	150	\$24.92	Work experience in a related occupation
41-9011	Demonstrators and Product Promoters	233	225	-8	-3.4%	0	7	7	\$10.39	Moderate-term on-the-job training
41-9021	Real Estate Brokers	601	609	8	1.3%	1	10	11	\$38.07	Work experience in a related occupation
41-9022	Real Estate Sales Agents	768	834	66	8.6%	7	13	20	\$16.51	Postsecondary vocational training
41-9031	Sales Engineers	100	96	-4	-4.0%	0	4	4	\$33.45	Bachelor's degree
41-9041	Telemarketers	1,846	1,551	-295	-16.0%	0	46	46	\$11.58	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	835	892	57	6.8%	6	19	25	\$18.99	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	103,827	104,050	223	0.2%	337	2,133	2,470	\$14.63	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,224	7,491	267	3.7%	27	163	190	\$20.88	Work experience in a related occupation
43-2011	Switchboard Operators, Including Answering Service	822	695	-127	-15.5%	0	17	17	\$11.53	Short-term on-the-job training
43-3011	Bill and Account Collectors	1,943	1,886	-57	-2.9%	0	37	37	\$15.85	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,098	2,202	104	5.0%	10	34	44	\$14.84	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,000	8,130	130	1.6%	13	96	109	\$15.44	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
43-3051	Payroll and Timekeeping Clerks	695	580	-115	-16.5%	0	17	17	\$15.75	Moderate-term on-the-job training
43-3061	Procurement Clerks	366	378	12	3.3%	1	11	12	\$16.13	Moderate-term on-the-job training
43-3071	Tellers	2,803	2,834	31	1.1%	3	115	118	\$11.36	Short-term on-the-job training
43-4011	Brokerage Clerks	223	181	-42	-18.8%	0	6	6	\$21.06	Moderate-term on-the-job training
43-4021	Correspondence Clerks	12	10	-2	-16.7%	0	0	0	\$15.46	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	1,299	1,321	22	1.7%	2	37	39	\$14.35	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	158	145	-13	-8.2%	0	5	5	\$13.75	Short-term on-the-job training
43-4051	Customer Service Representatives	8,590	9,576	986	11.5%	99	270	369	\$14.41	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	598	609	11	1.8%	1	14	15	\$16.06	Moderate-term on-the-job training
43-4071	File Clerks	506	344	-162	-32.0%	0	12	12	\$11.97	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,830	2,105	275	15.0%	28	62	90	\$10.35	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	706	790	84	11.9%	8	17	25	\$13.21	Short-term on-the-job training
43-4121	Library Assistants, Clerical	556	583	27	4.9%	3	23	26	\$10.94	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	743	729	-14	-1.9%	0	18	18	\$15.16	Short-term on-the-job training
43-4141	New Accounts Clerks	204	187	-17	-8.3%	0	6	6	\$14.08	Work experience in a related occupation
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	578	498	-80	-13.8%	0	16	16	\$16.31	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	3,198	3,257	59	1.8%	6	86	92	\$12.13	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	463	481	18	3.9%	2	10	12	\$12.62	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	587	488	-99	-16.9%	0	17	17	\$13.40	Short-term on-the-job training
43-5011	Cargo and Freight Agents	120	150	30	25.0%	3	3	6	\$14.65	Moderate-term on-the-job training
43-5021	Couriers and Messengers	445	400	-45	-10.1%	0	10	10	\$12.23	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	763	847	84	11.0%	8	16	24	\$16.63	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	930	837	-93	-10.0%	0	19	19	\$16.74	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	55	-15	-21.4%	0	2	2	\$15.63	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,537	1,476	-61	-4.0%	0	38	38	\$21.29	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,478	2,234	-244	-9.8%	0	62	62	\$14.02	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,820	7,990	170	2.2%	17	180	197	\$10.91	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	211	189	-22	-10.4%	0	7	7	\$13.29	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,219	3,288	69	2.1%	7	43	50	\$19.06	Work experience in a related occupation
43-6012	Legal Secretaries	1,021	1,027	6	0.6%	1	14	15	\$17.08	Associate degree
43-6013	Medical Secretaries	4,179	4,664	485	11.6%	49	56	105	\$14.09	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	10,178	9,568	-610	-6.0%	0	137	137	\$14.56	Moderate-term on-the-job training
43-9011	Computer Operators	231	172	-59	-25.5%	0	3	3	\$14.78	Moderate-term on-the-job training
43-9021	Data Entry Keyers	696	589	-107	-15.4%	0	15	15	\$12.36	Moderate-term on-the-job training
43-9022	Word Processors and Typists	699	634	-65	-9.3%	0	5	5	\$16.45	Moderate-term on-the-job training
43-9031	Desktop Publishers	110	97	-13	-11.8%	0	2	2	\$14.36	Postsecondary vocational training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
43-9041	Insurance Claims and Policy Processing Clerks	1,788	1,695	-93	-5.2%	0	23	23	\$16.38	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	407	335	-72	-17.7%	0	7	7	\$12.88	Short-term on-the-job training
43-9061	Office Clerks, General	14,739	15,049	310	2.1%	31	201	232	\$12.73	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	138	115	-23	-16.7%	0	5	5	\$14.47	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	32	30	-2	-6.3%	0	1	1	\$13.80	Short-term on-the-job training
43-9111	Statistical Assistants	130	124	-6	-4.6%	0	2	2	\$15.54	Moderate-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	1,157	943	-214	-18.5%	0	27	27	\$14.81	Short-term on-the-job training
45-0000	Farming, Fishing, and Forestry Occupations	6,019	5,779	-240	-4.0%	9	159	168	\$14.77	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	427	452	25	5.9%	3	11	14	\$23.74	Work experience in a related occupation
45-2011	Agricultural Inspectors	89	93	4	4.5%	0	2	2	\$14.92	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	267	261	-6	-2.2%	0	6	6	\$9.37	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	57	58	1	1.8%	0	2	2	na	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,212	1,247	35	2.9%	4	33	37	\$11.16	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	518	541	23	4.4%	2	14	16	\$12.82	Short-term on-the-job training
45-4022	Logging Equipment Operators	2,112	1,922	-190	-9.0%	0	57	57	\$14.10	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	227	192	-35	-15.4%	0	6	6	\$17.06	Moderate-term on-the-job training
47-0000	Construction and Extraction Occupations	42,060	42,840	780	1.9%	119	719	838	\$17.95	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	3,749	3,884	135	3.6%	14	73	87	\$24.94	Work experience in a related occupation
47-2011	Boilermakers	39	46	7	17.9%	1	1	2	\$15.12	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	355	365	10	2.8%	1	9	10	\$19.83	Long-term on-the-job training
47-2031	Carpenters	12,229	12,595	366	3.0%	37	152	189	\$16.89	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	520	552	32	6.2%	3	13	16	\$15.45	Moderate-term on-the-job training
47-2061	Construction Laborers	3,996	4,331	335	8.4%	34	27	61	\$13.61	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	426	441	15	3.5%	2	7	9	\$15.43	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	2,213	2,238	25	1.1%	3	38	41	\$16.49	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	624	681	57	9.1%	6	7	13	\$20.48	Moderate-term on-the-job training
47-2082	Tapers	85	93	8	9.4%	1	1	2	\$19.98	Moderate-term on-the-job training
47-2111	Electricians	3,489	3,316	-173	-5.0%	0	84	84	\$21.22	Long-term on-the-job training
47-2132	Insulation Workers, Mechanical	149	153	4	2.7%	0	5	5	\$17.92	Moderate-term on-the-job training
47-2141	Painters, Construction and Maintenance	3,440	3,444	4	0.1%	0	59	59	\$17.65	Moderate-term on-the-job training
47-2151	Pipelayers	113	119	6	5.3%	1	2	3	\$16.16	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,749	2,656	-93	-3.4%	0	55	55	\$20.22	Long-term on-the-job training
47-2181	Roofers	441	424	-17	-3.9%	0	7	7	\$16.37	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,050	981	-69	-6.6%	0	25	25	\$17.87	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	231	239	8	3.5%	1	4	5	\$16.60	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	190	198	8	4.2%	1	4	5	\$14.52	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
47-3012	Helpers--Carpenters	349	375	26	7.4%	3	7	10	\$12.51	Short-term on-the-job training
47-3013	Helpers--Electricians	543	558	15	2.8%	2	11	13	\$13.96	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	332	354	22	6.6%	2	7	9	\$15.59	Short-term on-the-job training
47-3016	Helpers--Roofers	147	122	-25	-17.0%	0	3	3	\$13.73	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	101	101	0	0.0%	0	2	2	\$13.13	Short-term on-the-job training
47-4011	Construction and Building Inspectors	261	267	6	2.3%	1	5	6	\$19.73	Work experience in a related occupation
47-4041	Hazardous Materials Removal Workers	186	182	-4	-2.2%	0	5	5	\$16.12	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	1,750	1,778	28	1.6%	3	47	50	\$14.54	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	178	190	12	6.7%	1	5	6	\$19.13	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	212	228	16	7.5%	2	6	8	\$15.87	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	190	197	7	3.7%	1	3	4	\$18.99	Moderate-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	29,428	29,905	477	1.6%	96	576	672	\$19.10	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,338	2,335	-3	-0.1%	0	61	61	\$25.57	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	880	785	-95	-10.8%	0	15	15	\$17.11	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	745	711	-34	-4.6%	0	13	13	\$24.47	Postsecondary vocational training
49-2091	Avionics Technicians	27	29	2	7.4%	0	1	1	\$23.20	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	135	131	-4	-3.0%	0	5	5	\$20.20	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	111	106	-5	-4.5%	0	2	2	\$22.29	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	411	379	-32	-7.8%	0	7	7	\$23.41	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	35	50	15	42.9%	2	1	3	\$27.44	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	76	80	4	5.3%	0	1	1	\$13.18	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	525	554	29	5.5%	3	9	12	\$14.33	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	499	539	40	8.0%	4	9	13	\$19.02	Postsecondary vocational training
49-3011	Aircraft Mechanics and Service Technicians	187	187	0	0.0%	0	4	4	\$21.21	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	811	803	-8	-1.0%	0	21	21	\$17.05	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	73	72	-1	-1.4%	0	2	2	\$14.70	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	4,597	4,759	162	3.5%	16	88	104	\$16.55	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,570	1,568	-2	-0.1%	0	36	36	\$18.32	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	102	103	1	1.0%	0	2	2	\$14.01	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,025	1,044	19	1.9%	2	20	22	\$19.15	Long-term on-the-job training
49-3051	Motorboat Mechanics	334	341	7	2.1%	1	7	8	\$19.76	Long-term on-the-job training
49-3052	Motorcycle Mechanics	96	102	6	6.3%	1	2	3	\$15.97	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	400	418	18	4.5%	2	8	10	\$13.88	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	63	65	2	3.2%	0	1	1	\$17.04	Long-term on-the-job training
49-3093	Tire Repairers and Changers	367	385	18	4.9%	2	8	10	\$11.89	Short-term on-the-job training
49-9011	Mechanical Door Repairers	104	104	0	0.0%	0	2	2	\$16.00	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	128	132	4	3.1%	0	2	2	\$23.08	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,060	2,254	194	9.4%	19	33	52	\$20.54	Postsecondary vocational training
49-9031	Home Appliance Repairers	209	214	5	2.4%	1	3	4	\$16.41	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,114	1,157	43	3.9%	4	16	20	\$20.03	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,182	5,446	264	5.1%	26	80	106	\$17.12	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	348	306	-42	-12.1%	0	5	5	\$19.17	Moderate-term on-the-job training
49-9044	Millwrights	611	514	-97	-15.9%	0	12	12	\$21.91	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	953	839	-114	-12.0%	0	15	15	\$24.47	Long-term on-the-job training
49-9062	Medical Equipment Repairers	179	227	48	26.8%	5	5	10	\$21.32	Associate degree
49-9069	Precision Instrument and Equipment Repairers, All Other	191	191	0	0.0%	0	6	6	\$21.53	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	185	163	-22	-11.9%	0	6	6	\$14.22	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	119	122	3	2.5%	0	2	2	\$16.11	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	184	191	7	3.8%	1	1	2	\$12.99	Moderate-term on-the-job training
49-9096	Riggers	280	274	-6	-2.1%	0	4	4	\$21.55	Short-term on-the-job training
49-9097	Signal and Track Switch Repairers	12	12	0	0.0%	0	0	0	\$20.57	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	776	817	41	5.3%	4	37	41	\$12.42	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,082	1,101	19	1.8%	2	17	19	\$20.20	Moderate-term on-the-job training
51-0000	Production Occupations	42,897	40,172	-2,725	-6.4%	50	836	886	\$16.50	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,768	3,557	-211	-5.6%	0	51	51	\$26.38	Work experience in a related occupation
51-2021	Coil Winders, Tapers, and Finishers	101	80	-21	-20.8%	0	2	2	\$14.28	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	616	590	-26	-4.2%	0	10	10	\$11.07	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	52	57	5	9.6%	1	1	2	\$15.86	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	833	738	-95	-11.4%	0	18	18	\$18.98	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	535	557	22	4.1%	2	12	14	\$15.64	Moderate-term on-the-job training
51-2092	Team Assemblers	3,496	3,248	-248	-7.1%	0	79	79	\$13.72	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	925	998	73	7.9%	7	21	28	\$11.83	Moderate-term on-the-job training
51-3011	Bakers	748	691	-57	-7.6%	0	19	19	\$13.10	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	509	517	8	1.6%	1	16	17	\$15.35	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	857	830	-27	-3.2%	0	27	27	\$10.07	Short-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	108	91	-17	-15.7%	0	3	3	\$12.09	Short-term on-the-job training
51-3092	Food Batchmakers	524	522	-2	-0.4%	0	13	13	\$11.22	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	109	114	5	4.6%	1	3	4	\$13.40	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	801	824	23	2.9%	2	16	18	\$19.66	Moderate-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	25	25	0	0.0%	0	1	1	\$21.95	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	121	125	4	3.3%	0	2	2	\$14.78	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	18	16	-2	-11.1%	0	0	0	\$16.92	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	546	509	-37	-6.8%	0	11	11	\$14.23	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	36	31	-5	-13.9%	0	0	0	\$21.94	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	398	350	-48	-12.1%	0	6	6	\$19.73	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	80	-10	-11.1%	0	2	2	\$16.43	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	172	165	-7	-4.1%	0	3	3	\$18.29	Moderate-term on-the-job training
51-4041	Machinists	1,923	1,932	9	0.5%	1	25	26	\$19.10	Long-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	2	2	0	0.0%	0	0	0	na	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	274	286	12	4.4%	1	6	7	\$19.12	Moderate-term on-the-job training
51-4111	Tool and Die Makers	304	321	17	5.6%	2	2	4	\$24.50	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,825	1,748	-77	-4.2%	0	56	56	\$17.15	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	165	158	-7	-4.2%	0	5	5	\$19.42	Postsecondary vocational training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23	22	-1	-4.3%	0	1	1	\$18.63	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	138	125	-13	-9.4%	0	3	3	\$22.63	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	135	147	12	8.9%	1	4	5	\$16.79	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	162	146	-16	-9.9%	0	5	5	\$15.80	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	152	151	-1	-0.7%	0	2	2	\$18.23	Moderate-term on-the-job training
51-5011	Bindery Workers	290	245	-45	-15.5%	0	4	4	\$14.33	Short-term on-the-job training
51-5021	Job Printers	154	137	-17	-11.0%	0	1	1	\$16.87	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	215	176	-39	-18.1%	0	3	3	\$15.23	Postsecondary vocational training
51-5023	Printing Machine Operators	751	728	-23	-3.1%	0	16	16	\$16.31	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,052	962	-90	-8.6%	0	18	18	\$10.09	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	122	96	-26	-21.3%	0	1	1	\$9.47	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,093	863	-230	-21.0%	0	6	6	\$11.29	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	75	60	-15	-20.0%	0	1	1	\$10.37	Long-term on-the-job training
51-6051	Sewers, Hand	297	249	-48	-16.2%	0	3	3	\$12.81	Short-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	201	157	-44	-21.9%	0	2	2	\$12.12	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	144	96	-48	-33.3%	0	1	1	\$10.99	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	106	100	-6	-5.7%	0	2	2	\$16.12	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	758	683	-75	-9.9%	0	17	17	\$18.11	Long-term on-the-job training
51-7021	Furniture Finishers	121	109	-12	-9.9%	0	3	3	\$15.07	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	686	609	-77	-11.2%	0	12	12	\$13.46	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	830	688	-142	-17.1%	0	17	17	\$12.80	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	266	256	-10	-3.8%	0	6	6	\$16.88	Moderate-term on-the-job training
51-8013	Power Plant Operators	413	474	61	14.8%	6	14	20	\$26.23	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	473	416	-57	-12.1%	0	8	8	\$20.96	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	550	594	44	8.0%	4	12	16	\$19.89	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
51-8091	Chemical Plant and System Operators	137	105	-32	-23.4%	0	3	3	\$24.45	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	46	42	-4	-8.7%	0	1	1	\$17.04	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	169	173	4	2.4%	0	1	1	\$17.71	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	367	412	45	12.3%	5	3	8	\$17.34	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	232	239	7	3.0%	1	4	5	\$16.62	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	382	437	55	14.4%	6	7	13	\$18.90	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	77	79	2	2.6%	0	2	2	\$10.80	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	639	587	-52	-8.1%	0	14	14	\$17.46	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	230	264	34	14.8%	3	5	8	\$14.99	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	263	219	-44	-16.7%	0	3	3	\$16.74	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,923	1,764	-159	-8.3%	0	32	32	\$15.89	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	309	316	7	2.3%	1	6	7	\$16.64	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	149	151	2	1.3%	0	3	3	\$17.69	Moderate-term on-the-job training
51-9082	Medical Appliance Technicians	19	19	0	0.0%	0	0	0	\$17.89	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	49	47	-2	-4.1%	0	1	1	\$13.95	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,587	1,518	-69	-4.3%	0	27	27	\$13.64	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	831	729	-102	-12.3%	0	22	22	\$21.93	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	327	305	-22	-6.7%	0	9	9	\$17.01	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	211	199	-12	-5.7%	0	6	6	\$10.93	Short-term on-the-job training
51-9131	Photographic Process Workers	48	41	-7	-14.6%	0	1	1	\$14.62	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	188	129	-59	-31.4%	0	5	5	\$10.90	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	66	50	-16	-24.2%	0	2	2	\$12.71	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51	52	1	2.0%	0	1	1	\$11.54	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	26	24	-2	-7.7%	0	1	1	\$13.83	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	206	201	-5	-2.4%	0	10	10	\$12.88	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	383	291	-92	-24.0%	0	8	8	\$19.78	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1,440	1,276	-164	-11.4%	0	25	25	\$12.80	Short-term on-the-job training
51-9199	Production Workers, All Other	1,162	1,069	-93	-8.0%	0	27	27	\$14.06	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	43,488	42,822	-666	-1.5%	70	1,011	1,081	\$14.33	NA
53-1011	Aircraft Cargo Handling Supervisors	11	12	1	9.1%	0	0	0	\$24.42	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,124	1,122	-2	-0.2%	0	20	20	\$18.33	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	804	741	-63	-7.8%	0	14	14	\$25.58	Work experience in a related occupation
53-2012	Commercial Pilots	136	148	12	8.8%	1	5	6	\$62,790.00	Postsecondary vocational training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	230	241	11	4.8%	1	4	5	\$9.33	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	410	453	43	10.5%	4	7	11	\$15.54	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,745	1,651	-94	-5.4%	0	31	31	\$13.66	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	2,234	2,194	-40	-1.8%	0	40	40	\$13.53	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,094	11,476	382	3.4%	38	199	237	\$16.56	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4,076	4,079	3	0.1%	0	73	73	\$14.37	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	712	819	107	15.0%	11	13	24	\$9.59	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	295	295	0	0.0%	0	5	5	\$15.04	Short-term on-the-job training
53-4011	Locomotive Engineers	75	80	5	6.7%	1	2	3	\$21.49	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	60	62	2	3.3%	0	2	2	\$21.46	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	194	204	10	5.2%	1	8	9	\$16.26	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	252	284	32	12.7%	3	11	14	\$27.78	Work experience in a related occupation
53-5022	Motorboat Operators	38	41	3	7.9%	0	2	2	\$17.82	Moderate-term on-the-job training
53-6021	Parking Lot Attendants	234	218	-16	-6.8%	0	8	8	\$10.21	Short-term on-the-job training
53-6031	Service Station Attendants	607	602	-5	-0.8%	0	25	25	\$8.79	Short-term on-the-job training
53-6051	Transportation Inspectors	47	53	6	12.8%	1	1	2	\$35.02	Work experience in a related occupation
53-6099	Transportation Workers, All Other	473	498	25	5.3%	3	17	20	\$8.69	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	154	116	-38	-24.7%	0	5	5	\$17.50	Short-term on-the-job training
53-7021	Crane and Tower Operators	206	182	-24	-11.7%	0	5	5	\$22.08	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	239	240	1	0.4%	0	7	7	\$17.26	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	3,621	3,577	-44	-1.2%	0	108	108	\$14.68	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,105	1,081	-24	-2.2%	0	39	39	\$11.41	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,122	7,509	-613	-7.5%	0	261	261	\$11.84	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	409	268	-141	-34.5%	0	5	5	\$12.79	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,541	3,297	-244	-6.9%	0	59	59	\$9.83	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	1,017	1,056	39	3.8%	4	30	34	\$12.24	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	21	18	-3	-14.3%	0	1	1	\$15.99	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	13	11	-2	-15.4%	0	0	0	\$11.08	Moderate-term on-the-job training

Note: 2008 average (mean) wage used if 2009 not available; noted in *italics*.

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
13-2011	Accountants and Auditors	4,283	4,777	494	11.53%	49	72	121	\$28.00	Bachelor's degree
15-2011	Actuaries	229	252	23	10.04%	2	7	9	\$29.06	Bachelor's or higher degree, plus work experience
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	113	116	3	2.65%	0	2	2	\$29.69	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	1,248	1,287	39	3.13%	4	26	30	\$30.16	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	277	255	-22	-7.94%	0	7	7	\$28.58	Bachelor's or higher degree, plus work experience
41-3011	Advertising Sales Agents	681	652	-29	-4.26%	0	14	14	\$19.58	Moderate-term on-the-job training
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	24	27	3	12.50%	0	1	1	\$87.67	Bachelor's or higher degree, plus work experience
19-4011	Agricultural and Food Science Technicians	37	40	3	8.11%	0	1	1	\$17.08	Associate degree
45-2091	Agricultural Equipment Operators	57	58	1	1.75%	0	2	2	na	Short-term on-the-job training
45-2011	Agricultural Inspectors	89	93	4	4.49%	0	2	2	\$14.92	Work experience in a related occupation
53-1011	Aircraft Cargo Handling Supervisors	11	12	1	9.09%	0	0	0	\$24.42	Work experience in a related occupation
49-3011	Aircraft Mechanics and Service Technicians	187	187	0	0.00%	0	4	4	\$21.21	Postsecondary vocational training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	230	241	11	4.78%	1	4	5	\$9.33	Moderate-term on-the-job training
39-3091	Amusement and Recreation Attendants	745	807	62	8.32%	6	39	45	\$9.85	Short-term on-the-job training
29-1061	Anesthesiologists	314	334	20	6.37%	2	6	8	\$90.01	First professional degree
33-9011	Animal Control Workers	160	163	3	1.88%	0	4	4	\$11.20	Moderate-term on-the-job training
19-1011	Animal Scientists	22	24	2	9.09%	0	1	1	\$30.43	Doctoral degree
39-2011	Animal Trainers	101	117	16	15.84%	2	2	4	\$17.28	Moderate-term on-the-job training
25-1061	Anthropology and Archeology Teachers, Postsecondary	47	51	4	8.51%	0	1	1	\$77,790.00	Doctoral degree
13-2021	Appraisers and Assessors of Real Estate	690	672	-18	-2.61%	0	13	13	\$23.45	Associate degree
23-1022	Arbitrators, Mediators, and Conciliators	45	44	-1	-2.22%	0	1	1	\$25.32	Bachelor's or higher degree, plus work experience
17-1011	Architects, Except Landscape and Naval	431	441	10	2.32%	1	7	8	\$28.81	Bachelor's degree
17-3011	Architectural and Civil Drafters	807	782	-25	-3.10%	0	17	17	\$21.11	Postsecondary vocational training
25-1031	Architecture Teachers, Postsecondary	20	24	4	20.00%	0	0	0	\$54,280.00	Doctoral degree
25-4011	Archivists	37	37	0	0.00%	0	1	1	\$21.41	Master's degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	31	34	3	9.68%	0	1	1	\$67,860.00	Doctoral degree
27-1011	Art Directors	272	284	12	4.41%	1	6	7	\$37.28	Bachelor's or higher degree, plus work experience
25-1121	Art, Drama, and Music Teachers, Postsecondary	254	276	22	8.66%	2	4	6	\$71,870.00	Doctoral degree
51-2099	Assemblers and Fabricators, All Other	925	998	73	7.89%	7	21	28	\$11.83	Moderate-term on-the-job training
29-9091	Athletic Trainers	95	122	27	28.42%	3	3	6	\$46,140.00	Bachelor's degree
19-2021	Atmospheric and Space Scientists	28	27	-1	-3.57%	0	1	1	\$39.90	Bachelor's degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	131	143	12	9.16%	1	2	3	\$80,340.00	Doctoral degree
27-4011	Audio and Video Equipment Technicians	144	148	4	2.78%	0	4	4	\$17.28	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	811	803	-8	-0.99%	0	21	21	\$17.05	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	73	72	-1	-1.37%	0	2	2	\$14.70	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
49-3023	Automotive Service Technicians and Mechanics	4,597	4,759	162	3.52%	16	88	104	\$16.55	Postsecondary vocational training
49-2091	Avionics Technicians	27	29	2	7.41%	0	1	1	\$23.20	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	136	143	7	5.15%	1	4	5	\$9.30	Short-term on-the-job training
33-3011	Bailiffs	102	104	2	1.96%	0	2	2	\$14.27	Moderate-term on-the-job training
51-3011	Bakers	748	691	-57	-7.62%	0	19	19	\$13.10	Long-term on-the-job training
35-3011	Bartenders	2,775	2,875	100	3.60%	10	99	109	\$9.89	Short-term on-the-job training
43-3011	Bill and Account Collectors	1,943	1,886	-57	-2.93%	0	37	37	\$15.85	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,098	2,202	104	4.96%	10	34	44	\$14.84	Short-term on-the-job training
51-5011	Bindery Workers	290	245	-45	-15.52%	0	4	4	\$14.33	Short-term on-the-job training
25-1042	Biological Science Teachers, Postsecondary	203	223	20	9.85%	2	4	6	\$78,770.00	Doctoral degree
19-4021	Biological Technicians	664	731	67	10.09%	7	23	30	\$18.84	Bachelor's degree
17-2031	Biomedical Engineers	21	35	14	66.67%	1	0	1	\$35.27	Bachelor's degree
47-2011	Boilermakers	39	46	7	17.95%	1	1	2	\$15.12	Long-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,000	8,130	130	1.63%	13	96	109	\$15.44	Moderate-term on-the-job training
47-2021	Brickmasons and Blockmasons	355	365	10	2.82%	1	9	10	\$19.83	Long-term on-the-job training
27-4012	Broadcast Technicians	245	208	-37	-15.10%	0	7	7	\$15.45	Associate degree
43-4011	Brokerage Clerks	223	181	-42	-18.83%	0	6	6	\$21.06	Moderate-term on-the-job training
13-2031	Budget Analysts	167	179	12	7.19%	1	3	4	\$29.21	Bachelor's degree
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,570	1,568	-2	-0.13%	0	36	36	\$18.32	Postsecondary vocational training
53-3022	Bus Drivers, School	1,745	1,651	-94	-5.39%	0	31	31	\$13.66	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	410	453	43	10.49%	4	7	11	\$15.54	Moderate-term on-the-job training
13-1199	Business Operations Specialists, All Other	3,709	3,777	68	1.83%	7	82	89	\$27.88	Bachelor's degree
25-1011	Business Teachers, Postsecondary	251	279	28	11.16%	3	4	7	\$78,020.00	Doctoral degree
51-3021	Butchers and Meat Cutters	509	517	8	1.57%	1	16	17	\$15.35	Long-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	758	683	-75	-9.89%	0	17	17	\$18.11	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	98	95	-3	-3.06%	0	2	2	\$14.34	Bachelor's degree
53-5021	Captains, Mates, and Pilots of Water Vessels	252	284	32	12.70%	3	11	14	\$27.78	Work experience in a related occupation
29-2031	Cardiovascular Technologists and Technicians	179	220	41	22.91%	4	3	7	\$25.32	Associate degree
43-5011	Cargo and Freight Agents	120	150	30	25.00%	3	3	6	\$14.65	Moderate-term on-the-job training
47-2031	Carpenters	12,229	12,595	366	2.99%	37	152	189	\$16.89	Long-term on-the-job training
17-1021	Cartographers and Photogrammetrists	59	64	5	8.47%	1	2	3	\$29.62	Bachelor's degree
41-2011	Cashiers	16,867	17,220	353	2.09%	35	758	793	\$8.96	Short-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	520	552	32	6.15%	3	13	16	\$15.45	Moderate-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	66	50	-16	-24.24%	0	2	2	\$12.71	Moderate-term on-the-job training
35-1011	Chefs and Head Cooks	549	526	-23	-4.19%	0	5	5	\$19.93	Work experience in a related occupation

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
17-2041	Chemical Engineers	152	152	0	0.00%	0	4	4	\$45.32	Bachelor's degree
51-9011	Chemical Equipment Operators and Tenders	169	173	4	2.37%	0	1	1	\$17.71	Moderate-term on-the-job training
51-8091	Chemical Plant and System Operators	137	105	-32	-23.36%	0	3	3	\$24.45	Long-term on-the-job training
19-4031	Chemical Technicians	149	149	0	0.00%	0	3	3	\$17.01	Associate degree
25-1052	Chemistry Teachers, Postsecondary	108	117	9	8.33%	1	2	3	\$75,650.00	Doctoral degree
19-2031	Chemists	179	192	13	7.26%	1	6	7	\$27.80	Bachelor's degree
11-1011	Chief Executives	950	866	-84	-8.84%	0	27	27	\$63.83	Bachelor's or higher degree, plus work experience
39-9011	Child Care Workers	5,824	5,783	-41	-0.70%	0	170	170	\$10.47	Short-term on-the-job training
21-1021	Child, Family, and School Social Workers	2,058	1,983	-75	-3.64%	0	52	52	\$19.33	Bachelor's degree
29-1011	Chiropractors	358	384	26	7.26%	3	6	9	\$35.76	First professional degree
17-3022	Civil Engineering Technicians	428	445	17	3.97%	2	8	10	\$22.27	Associate degree
17-2051	Civil Engineers	868	964	96	11.06%	10	15	25	\$33.92	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	1,626	1,686	60	3.69%	6	41	47	\$25.91	Long-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,105	1,081	-24	-2.17%	0	39	39	\$11.41	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51	52	1	1.96%	0	1	1	\$11.54	Moderate-term on-the-job training
21-2011	Clergy	2,305	2,396	91	3.95%	9	46	55	\$17.07	Master's degree
19-3031	Clinical, Counseling, and School Psychologists	687	718	31	4.51%	3	20	23	\$34.63	Doctoral degree
27-2022	Coaches and Scouts	2,304	2,461	157	6.81%	16	44	60	\$22,490.00	Long-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	831	729	-102	-12.27%	0	22	22	\$21.93	Moderate-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	101	80	-21	-20.79%	0	2	2	\$14.28	Short-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	185	163	-22	-11.89%	0	6	6	\$14.22	Moderate-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	14,489	15,784	1,295	8.94%	130	307	437	\$8.72	Short-term on-the-job training
27-1021	Commercial and Industrial Designers	216	219	3	1.39%	0	7	7	\$29.29	Bachelor's degree
53-2012	Commercial Pilots	136	148	12	8.82%	1	5	6	\$62,790.00	Postsecondary vocational training
25-1122	Communications Teachers, Postsecondary	105	119	14	13.33%	1	2	3	\$58,360.00	Doctoral degree
21-1099	Community and Social Service Specialists, All Other	253	242	-11	-4.35%	0	5	5	\$15.44	Bachelor's degree
11-3041	Compensation and Benefits Managers	182	179	-3	-1.65%	0	4	4	\$37.63	Bachelor's or higher degree, plus work experience
13-1072	Compensation, Benefits, and Job Analysis Specialists	843	925	82	9.73%	8	22	30	\$23.85	Bachelor's degree
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,048	1,286	238	22.71%	24	11	35	\$24.28	Long-term on-the-job training
11-3021	Computer and Information Systems Managers	892	940	48	5.38%	5	15	20	\$44.25	Bachelor's or higher degree, plus work experience
17-2061	Computer Hardware Engineers	19	15	-4	-21.05%	0	1	1	\$34.15	Bachelor's degree
43-9011	Computer Operators	231	172	-59	-25.54%	0	3	3	\$14.78	Moderate-term on-the-job training
15-1021	Computer Programmers	625	524	-101	-16.16%	0	12	12	\$26.87	Bachelor's degree
25-1021	Computer Science Teachers, Postsecondary	125	141	16	12.80%	2	2	4	\$69,560.00	Doctoral degree
15-1031	Computer Software Engineers, Applications	1,092	1,274	182	16.67%	18	9	27	\$31.39	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
15-1032	Computer Software Engineers, Systems Software	347	384	37	10.66%	4	3	7	\$39.83	Bachelor's degree
15-1099	Computer Specialists, All Other	384	394	10	2.60%	1	8	9	\$32.48	Associate degree
15-1041	Computer Support Specialists	1,868	1,846	-22	-1.18%	0	52	52	\$20.31	Associate degree
15-1051	Computer Systems Analysts	1,726	1,835	109	6.32%	11	37	48	\$33.60	Bachelor's degree
49-2011	Computer, Automated Teller, and Office Machine Repairers	880	785	-95	-10.80%	0	15	15	\$17.11	Postsecondary vocational training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	801	824	23	2.87%	2	16	18	\$19.66	Moderate-term on-the-job training
39-6012	Concierges	35	39	4	11.43%	0	1	1	\$12.91	Moderate-term on-the-job training
19-1031	Conservation Scientists	64	69	5	7.81%	1	1	2	\$26.73	Bachelor's degree
47-4011	Construction and Building Inspectors	261	267	6	2.30%	1	5	6	\$19.73	Work experience in a related occupation
47-2061	Construction Laborers	3,996	4,331	335	8.38%	34	27	61	\$13.61	Moderate-term on-the-job training
11-9021	Construction Managers	2,324	2,498	174	7.49%	17	18	35	\$35.14	Bachelor's degree
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	128	132	4	3.13%	0	2	2	\$23.08	Moderate-term on-the-job training
53-7011	Conveyor Operators and Tenders	154	116	-38	-24.68%	0	5	5	\$17.50	Short-term on-the-job training
35-2019	Cooks, All Other	34	39	5	14.71%	1	1	2	\$12.30	Moderate-term on-the-job training
35-2011	Cooks, Fast Food	1,060	1,094	34	3.21%	3	27	30	\$8.54	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,172	2,217	45	2.07%	5	56	61	\$12.33	Moderate-term on-the-job training
35-2013	Cooks, Private Household	8	7	-1	-12.50%	0	0	0	na	Long-term on-the-job training
35-2014	Cooks, Restaurant	4,650	4,784	134	2.88%	13	119	132	\$11.28	Long-term on-the-job training
35-2015	Cooks, Short Order	1,040	988	-52	-5.00%	0	27	27	\$10.64	Short-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	26	24	-2	-7.69%	0	1	1	\$13.83	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,346	1,370	24	1.78%	2	30	32	\$16.24	Moderate-term on-the-job training
43-4021	Correspondence Clerks	12	10	-2	-16.67%	0	0	0	\$15.46	Short-term on-the-job training
13-1051	Cost Estimators	742	845	103	13.88%	10	17	27	\$26.07	Bachelor's degree
39-3092	Costume Attendants	23	24	1	4.35%	0	1	1	\$14.43	Short-term on-the-job training
21-1019	Counselors, All Other	40	44	4	10.00%	0	1	1	\$19.27	Master's degree
41-2021	Counter and Rental Clerks	1,925	1,817	-108	-5.61%	0	51	51	\$11.66	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,623	1,675	52	3.20%	5	119	124	\$8.72	Short-term on-the-job training
43-5021	Couriers and Messengers	445	400	-45	-10.11%	0	10	10	\$12.23	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	1,299	1,321	22	1.69%	2	37	39	\$14.35	Short-term on-the-job training
27-1012	Craft Artists	188	166	-22	-11.70%	0	4	4	\$14.29	Long-term on-the-job training
53-7021	Crane and Tower Operators	206	182	-24	-11.65%	0	5	5	\$22.08	Long-term on-the-job training
13-2041	Credit Analysts	433	421	-12	-2.77%	0	8	8	\$22.16	Bachelor's degree
43-4041	Credit Authorizers, Checkers, and Clerks	158	145	-13	-8.23%	0	5	5	\$13.75	Short-term on-the-job training
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	35	39	4	11.43%	0	1	1	\$55,760.00	Doctoral degree
33-9091	Crossing Guards	506	592	86	17.00%	9	14	23	\$9.31	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
25-4012	Curators	100	111	11	11.00%	1	3	4	\$12.19	Master's degree
43-4051	Customer Service Representatives	8,590	9,576	986	11.48%	99	270	369	\$14.41	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	77	79	2	2.60%	0	2	2	\$10.80	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	639	587	-52	-8.14%	0	14	14	\$17.46	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	546	509	-37	-6.78%	0	11	11	\$14.23	Moderate-term on-the-job training
43-9021	Data Entry Keyers	696	589	-107	-15.37%	0	15	15	\$12.36	Moderate-term on-the-job training
15-1061	Database Administrators	272	294	22	8.09%	2	5	7	\$33.23	Bachelor's degree
41-9011	Demonstrators and Product Promoters	233	225	-8	-3.43%	0	7	7	\$10.39	Moderate-term on-the-job training
31-9091	Dental Assistants	1,051	1,206	155	14.75%	16	20	36	\$17.10	Moderate-term on-the-job training
29-2021	Dental Hygienists	1,139	1,306	167	14.66%	17	23	40	\$31.21	Associate degree
51-9081	Dental Laboratory Technicians	149	151	2	1.34%	0	3	3	\$17.69	Moderate-term on-the-job training
29-1021	Dentists, General	542	541	-1	-0.18%	0	15	15	\$99.02	First professional degree
27-1029	Designers, All Other	115	117	2	1.74%	0	4	4	\$20.20	Bachelor's degree
43-9031	Desktop Publishers	110	97	-13	-11.82%	0	2	2	\$14.36	Postsecondary vocational training
33-3021	Detectives and Criminal Investigators	404	439	35	8.66%	4	8	12	\$26.46	Work experience in a related occupation
29-2032	Diagnostic Medical Sonographers	171	191	20	11.70%	2	3	5	\$31.65	Associate degree
29-2051	Dietetic Technicians	181	189	8	4.42%	1	5	6	\$13.76	Postsecondary vocational training
29-1031	Dietitians and Nutritionists	310	311	1	0.32%	0	10	10	\$25.66	Bachelor's degree
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	819	828	9	1.10%	1	36	37	\$8.83	Short-term on-the-job training
35-9021	Dishwashers	2,394	2,565	171	7.14%	17	99	116	\$8.81	Short-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	930	837	-93	-10.00%	0	19	19	\$16.74	Moderate-term on-the-job training
17-3019	Drafters, All Other	60	56	-4	-6.67%	0	1	1	\$21.04	Postsecondary vocational training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	36	31	-5	-13.89%	0	0	0	\$21.94	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	2,234	2,194	-40	-1.79%	0	40	40	\$13.53	Short-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	624	681	57	9.13%	6	7	13	\$20.48	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	190	197	7	3.68%	1	3	4	\$18.99	Moderate-term on-the-job training
25-1063	Economics Teachers, Postsecondary	90	98	8	8.89%	1	2	3	\$94,330.00	Doctoral degree
19-3011	Economists	45	42	-3	-6.67%	0	1	1	\$31.46	Master's degree
27-3041	Editors	471	436	-35	-7.43%	0	12	12	\$24.93	Bachelor's degree
11-9039	Education Administrators, All Other	163	176	13	7.98%	1	5	6	\$25.61	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	1,512	1,467	-45	-2.98%	0	45	45	\$69,500.00	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	542	533	-9	-1.66%	0	16	16	\$37.19	Bachelor's or higher degree, plus work experience
11-9031	Education Administrators, Preschool and Child Care Center/Program	250	232	-18	-7.20%	0	8	8	\$18.96	Bachelor's or higher degree, plus work experience
25-1081	Education Teachers, Postsecondary	519	566	47	9.06%	5	9	14	\$59,480.00	Doctoral degree
25-9099	Education, Training, and Library Workers, All Other	117	127	10	8.55%	1	3	4	\$17.57	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
21-1012	Educational, Vocational, and School Counselors	1,194	1,211	17	1.42%	2	24	26	\$22.66	Master's degree
49-2092	Electric Motor, Power Tool, and Related Repairers	135	131	-4	-2.96%	0	5	5	\$20.20	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	438	433	-5	-1.14%	0	8	8	\$24.01	Associate degree
51-2022	Electrical and Electronic Equipment Assemblers	616	590	-26	-4.22%	0	10	10	\$11.07	Short-term on-the-job training
17-3012	Electrical and Electronics Drafters	98	97	-1	-1.02%	0	2	2	\$24.91	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	111	106	-5	-4.50%	0	2	2	\$22.29	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	411	379	-32	-7.79%	0	7	7	\$23.41	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	35	50	15	42.86%	2	1	3	\$27.44	Postsecondary vocational training
17-2071	Electrical Engineers	389	376	-13	-3.34%	0	9	9	\$45.34	Bachelor's degree
47-2111	Electricians	3,489	3,316	-173	-4.96%	0	84	84	\$21.22	Long-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	52	57	5	9.62%	1	1	2	\$15.86	Short-term on-the-job training
17-3024	Electro-Mechanical Technicians	182	180	-2	-1.10%	0	3	3	\$27.23	Associate degree
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	76	80	4	5.26%	0	1	1	\$13.18	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	525	554	29	5.52%	3	9	12	\$14.33	Postsecondary vocational training
17-2072	Electronics Engineers, Except Computer	238	228	-10	-4.20%	0	6	6	\$40.41	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	6,333	6,542	209	3.30%	21	144	165	\$45,270.00	Bachelor's degree
43-4061	Eligibility Interviewers, Government Programs	598	609	11	1.84%	1	14	15	\$16.06	Moderate-term on-the-job training
13-1061	Emergency Management Specialists	85	95	10	11.76%	1	2	3	\$23.21	Work experience in a related occupation
29-2041	Emergency Medical Technicians and Paramedics	1,306	1,415	109	8.35%	11	27	38	\$14.52	Postsecondary vocational training
13-1071	Employment, Recruitment, and Placement Specialists	623	719	96	15.41%	10	16	26	\$26.19	Bachelor's degree
11-9041	Engineering Managers	610	593	-17	-2.79%	0	12	12	\$49.61	Bachelor's or higher degree, plus work experience
25-1032	Engineering Teachers, Postsecondary	173	189	16	9.25%	2	3	5	\$80,700.00	Doctoral degree
17-3029	Engineering Technicians, Except Drafters, All Other	566	577	11	1.94%	1	11	12	\$34.91	Associate degree
17-2199	Engineers, All Other	260	264	4	1.54%	0	5	5	\$40.66	Bachelor's degree
25-1123	English Language and Literature Teachers, Postsecondary	301	332	31	10.30%	3	5	8	\$61,830.00	Doctoral degree
17-3025	Environmental Engineering Technicians	213	235	22	10.33%	2	4	6	\$19.53	Associate degree
17-2081	Environmental Engineers	404	444	40	9.90%	4	8	12	\$31.00	Bachelor's degree
19-4091	Environmental Science and Protection Technicians, Including Health	231	239	8	3.46%	1	10	11	\$16.19	Associate degree
25-1053	Environmental Science Teachers, Postsecondary	32	36	4	12.50%	0	1	1	\$59,470.00	Doctoral degree
19-2041	Environmental Scientists and Specialists, Including Health	725	766	41	5.66%	4	21	25	\$25.72	Master's degree
19-1041	Epidemiologists	31	33	2	6.45%	0	1	1	\$36.89	Master's degree
53-7032	Excavating and Loading Machine and Dragline Operators	239	240	1	0.42%	0	7	7	\$17.26	Moderate-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,219	3,288	69	2.14%	7	43	50	\$19.06	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	121	125	4	3.31%	0	2	2	\$14.78	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	230	264	34	14.78%	3	5	8	\$14.99	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
29-1062	Family and General Practitioners	875	937	62	7.09%	6	15	21	\$69.23	First professional degree
25-9021	Farm and Home Management Advisors	123	106	-17	-13.82%	0	3	3	\$24.46	Bachelor's degree
49-3041	Farm Equipment Mechanics	102	103	1	0.98%	0	2	2	\$14.01	Long-term on-the-job training
11-9011	Farm, Ranch, and Other Agricultural Managers	569	639	70	12.30%	7	12	19	\$29.43	Bachelor's or higher degree, plus work experience
11-9012	Farmers and Ranchers	2,990	2,607	-383	-12.81%	0	18	18	na	Long-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,212	1,247	35	2.89%	4	33	37	\$11.16	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	518	541	23	4.44%	2	14	16	\$12.82	Short-term on-the-job training
27-1022	Fashion Designers	85	87	2	2.35%	0	3	3	\$39.20	Associate degree
51-2091	Fiberglass Laminators and Fabricators	535	557	22	4.11%	2	12	14	\$15.64	Moderate-term on-the-job training
43-4071	File Clerks	506	344	-162	-32.02%	0	12	12	\$11.97	Short-term on-the-job training
27-4032	Film and Video Editors	114	115	1	0.88%	0	3	3	\$20.50	Bachelor's degree
13-2051	Financial Analysts	380	413	33	8.68%	3	7	10	\$39.96	Bachelor's degree
13-2061	Financial Examiners	110	144	34	30.91%	3	2	5	\$30.90	Bachelor's degree
11-3031	Financial Managers	2,945	2,952	7	0.24%	1	53	54	\$38.70	Bachelor's or higher degree, plus work experience
13-2099	Financial Specialists, All Other	543	554	11	2.03%	1	10	11	\$25.94	Bachelor's degree
33-2011	Fire Fighters	1,577	1,757	180	11.41%	18	48	66	\$15.85	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	80	81	1	1.25%	0	2	2	\$22.44	Work experience in a related occupation
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	3,749	3,884	135	3.60%	14	73	87	\$24.94	Work experience in a related occupation
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	427	452	25	5.85%	3	11	14	\$23.74	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	253	256	3	1.19%	0	13	13	\$24.32	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,294	4,352	58	1.35%	6	41	47	\$14.18	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,124	1,122	-2	-0.18%	0	20	20	\$18.33	Work experience in a related occupation
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,190	1,150	-40	-3.36%	0	12	12	\$17.17	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,484	1,571	87	5.86%	9	16	25	\$19.77	Work experience in a related occupation
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,338	2,335	-3	-0.13%	0	61	61	\$25.57	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,800	1,798	-2	-0.11%	0	37	37	\$29.47	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,224	7,491	267	3.70%	27	163	190	\$20.88	Work experience in a related occupation
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,483	1,543	60	4.05%	6	40	46	\$15.66	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	347	351	4	1.15%	0	15	15	\$29.35	Work experience in a related occupation
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,768	3,557	-211	-5.60%	0	51	51	\$26.38	Work experience in a related occupation
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,534	10,620	86	0.82%	9	226	235	\$18.00	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	804	741	-63	-7.84%	0	14	14	\$25.58	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	135	141	6	4.44%	1	5	6	\$22.15	Work experience in a related occupation
33-3031	Fish and Game Wardens	123	125	2	1.63%	0	3	3	\$19.55	Associate degree
39-9031	Fitness Trainers and Aerobics Instructors	727	875	148	20.36%	15	13	28	\$13.82	Postsecondary vocational training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
27-1023	Floral Designers	432	347	-85	-19.68%	0	13	13	\$11.40	Short-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	108	91	-17	-15.74%	0	3	3	\$12.09	Short-term on-the-job training
51-3092	Food Batchmakers	524	522	-2	-0.38%	0	13	13	\$11.22	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	109	114	5	4.59%	1	3	4	\$13.40	Short-term on-the-job training
35-2021	Food Preparation Workers	5,741	5,693	-48	-0.84%	0	206	206	\$10.27	Short-term on-the-job training
19-1012	Food Scientists and Technologists	26	29	3	11.54%	0	1	1	\$41.40	Bachelor's degree
35-3041	Food Servers, Nonrestaurant	733	767	34	4.64%	3	13	16	\$10.07	Short-term on-the-job training
11-9051	Food Service Managers	2,146	2,137	-9	-0.42%	0	42	42	\$23.64	Work experience in a related occupation
25-1124	Foreign Language and Literature Teachers, Postsecondary	129	140	11	8.53%	1	2	3	\$72,180.00	Doctoral degree
19-4093	Forest and Conservation Technicians	53	55	2	3.77%	0	2	2	\$19.23	Associate degree
19-1032	Foresters	124	123	-1	-0.81%	0	1	1	\$24.09	Bachelor's degree
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	18	16	-2	-11.11%	0	0	0	\$16.92	Moderate-term on-the-job training
39-4021	Funeral Attendants	151	191	40	26.49%	4	7	11	\$12.07	Short-term on-the-job training
11-9061	Funeral Directors	227	251	24	10.57%	2	5	7	\$29.09	Associate degree
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	263	219	-44	-16.73%	0	3	3	\$16.74	Moderate-term on-the-job training
51-7021	Furniture Finishers	121	109	-12	-9.92%	0	3	3	\$15.07	Long-term on-the-job training
39-1011	Gaming Supervisors	38	40	2	5.26%	0	1	1	\$19.62	Work experience in a related occupation
11-1021	General and Operations Managers	8,288	7,576	-712	-8.59%	0	240	240	\$43.30	Bachelor's or higher degree, plus work experience
19-4041	Geological and Petroleum Technicians	15	17	2	13.33%	0	1	1	\$19.76	Associate degree
19-2042	Geoscientists, Except Hydrologists and Geographers	120	125	5	4.17%	1	3	4	\$29.11	Master's degree
45-2041	Graders and Sorters, Agricultural Products	267	261	-6	-2.25%	0	6	6	\$9.37	Work experience in a related occupation
27-1024	Graphic Designers	954	977	23	2.41%	2	29	31	\$18.89	Bachelor's degree
51-9022	Grinding and Polishing Workers, Hand	232	239	7	3.02%	1	4	5	\$16.62	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal	398	350	-48	-12.06%	0	6	6	\$19.73	Moderate-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	46	46	0	0.00%	0	1	1	\$14.92	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,859	3,965	106	2.75%	11	57	68	\$12.67	Postsecondary vocational training
47-4041	Hazardous Materials Removal Workers	186	182	-4	-2.15%	0	5	5	\$16.12	Moderate-term on-the-job training
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	128	133	5	3.91%	1	3	4	\$26.37	Bachelor's degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	197	213	16	8.12%	2	4	6	\$27.76	Bachelor's degree
21-1091	Health Educators	449	486	37	8.24%	4	10	14	\$20.32	Bachelor's degree
25-1071	Health Specialties Teachers, Postsecondary	154	173	19	12.34%	2	3	5	\$57,440.00	Doctoral degree
29-2099	Health Technologists and Technicians, All Other	180	208	28	15.56%	3	4	7	\$19.33	Postsecondary vocational training
29-9099	Healthcare Practitioners and Technical Workers, All Other	202	223	21	10.40%	2	7	9	\$27.28	Bachelor's degree
31-9099	Healthcare Support Workers, All Other	513	555	42	8.19%	4	6	10	\$12.89	Short-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23	22	-1	-4.35%	0	1	1	\$18.63	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,060	2,254	194	9.42%	19	33	52	\$20.54	Postsecondary vocational training
47-3019	Helpers, Construction Trades, All Other	101	101	0	0.00%	0	2	2	\$13.13	Short-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	190	198	8	4.21%	1	4	5	\$14.52	Short-term on-the-job training
47-3012	Helpers--Carpenters	349	375	26	7.45%	3	7	10	\$12.51	Short-term on-the-job training
47-3013	Helpers--Electricians	543	558	15	2.76%	2	11	13	\$13.96	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	776	817	41	5.28%	4	37	41	\$12.42	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	332	354	22	6.63%	2	7	9	\$15.59	Short-term on-the-job training
51-9198	Helpers--Production Workers	1,440	1,276	-164	-11.39%	0	25	25	\$12.80	Short-term on-the-job training
47-3016	Helpers--Roofers	147	122	-25	-17.01%	0	3	3	\$13.73	Short-term on-the-job training
47-4051	Highway Maintenance Workers	1,750	1,778	28	1.60%	3	47	50	\$14.54	Moderate-term on-the-job training
19-3093	Historians	10	9	-1	-10.00%	0	1	1	\$17.33	Master's degree
25-1125	History Teachers, Postsecondary	132	145	13	9.85%	1	2	3	\$72,570.00	Doctoral degree
49-9031	Home Appliance Repairers	209	214	5	2.39%	1	3	4	\$16.41	Long-term on-the-job training
31-1011	Home Health Aides	5,536	6,966	1,430	25.83%	143	55	198	\$10.82	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,371	1,397	26	1.90%	3	95	98	\$9.48	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,830	2,105	275	15.03%	28	62	90	\$10.35	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	578	498	-80	-13.84%	0	16	16	\$16.31	Short-term on-the-job training
11-3049	Human Resources Managers, All Other	326	338	12	3.68%	1	7	8	\$38.67	Bachelor's or higher degree, plus work experience
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	528	561	33	6.25%	3	14	17	\$24.27	Bachelor's degree
17-3026	Industrial Engineering Technicians	471	478	7	1.49%	1	9	10	\$23.25	Associate degree
17-2112	Industrial Engineers	682	743	61	8.94%	6	17	23	\$34.99	Bachelor's degree
49-9041	Industrial Machinery Mechanics	1,114	1,157	43	3.86%	4	16	20	\$20.03	Long-term on-the-job training
11-3051	Industrial Production Managers	656	579	-77	-11.74%	0	23	23	\$40.12	Work experience in a related occupation
53-7051	Industrial Truck and Tractor Operators	3,621	3,577	-44	-1.22%	0	108	108	\$14.68	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	587	488	-99	-16.87%	0	17	17	\$13.40	Short-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,923	1,764	-159	-8.27%	0	32	32	\$15.89	Moderate-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,082	1,101	19	1.76%	2	17	19	\$20.20	Moderate-term on-the-job training
25-9031	Instructional Coordinators	403	453	50	12.41%	5	9	14	\$23.89	Master's degree
47-2132	Insulation Workers, Mechanical	149	153	4	2.68%	0	5	5	\$17.92	Moderate-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	47	46	-1	-2.13%	0	1	1	\$20.21	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	1,788	1,695	-93	-5.20%	0	23	23	\$16.38	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	3,647	3,667	20	0.55%	2	85	87	\$26.81	Postsecondary vocational training
13-2053	Insurance Underwriters	560	555	-5	-0.89%	0	16	16	\$30.32	Bachelor's degree
29-1063	Internists, General	449	477	28	6.24%	3	8	11	\$76.22	First professional degree
43-4111	Interviewers, Except Eligibility and Loan	706	790	84	11.90%	8	17	25	\$13.21	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,395	9,683	-712	-6.85%	0	196	196	\$12.42	Short-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	309	316	7	2.27%	1	6	7	\$16.64	Postsecondary vocational training
51-5021	Job Printers	154	137	-17	-11.04%	0	1	1	\$16.87	Long-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	88	81	-7	-7.95%	0	2	2	\$53.57	Bachelor's or higher degree, plus work experience
25-2012	Kindergarten Teachers, Except Special Education	924	949	25	2.71%	3	19	22	\$44,680.00	Bachelor's degree
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,122	7,509	-613	-7.55%	0	261	261	\$11.84	Short-term on-the-job training
17-1012	Landscape Architects	115	122	7	6.09%	1	2	3	\$30.84	Bachelor's degree
37-3011	Landscaping and Groundskeeping Workers	6,091	6,569	478	7.85%	48	73	121	\$12.86	Short-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	80	-10	-11.11%	0	2	2	\$16.43	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,052	962	-90	-8.56%	0	18	18	\$10.09	Moderate-term on-the-job training
23-2092	Law Clerks	67	67	0	0.00%	0	1	1	\$24.70	Bachelor's degree
23-1011	Lawyers	2,797	2,797	0	0.00%	0	52	52	\$45.01	First professional degree
51-4192	Lay-Out Workers, Metal and Plastic	138	125	-13	-9.42%	0	3	3	\$22.63	Moderate-term on-the-job training
43-6012	Legal Secretaries	1,021	1,027	6	0.59%	1	14	15	\$17.08	Associate degree
23-2099	Legal Support Workers, All Other	137	139	2	1.46%	0	2	2	\$20.63	Moderate-term on-the-job training
11-1031	Legislators	479	452	-27	-5.64%	0	14	14	\$23,920.00	Bachelor's or higher degree, plus work experience
25-4021	Librarians	900	884	-16	-1.78%	0	24	24	\$20.92	Master's degree
43-4121	Library Assistants, Clerical	556	583	27	4.86%	3	23	26	\$10.94	Short-term on-the-job training
25-4031	Library Technicians	1,100	1,112	12	1.09%	1	49	50	\$14.27	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	1,759	1,826	67	3.81%	7	55	62	\$19.07	Postsecondary vocational training
19-4099	Life, Physical, and Social Science Technicians, All Other	206	213	7	3.40%	1	9	10	\$23.07	Associate degree
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	346	355	9	2.60%	1	23	24	\$9.66	Short-term on-the-job training
13-2071	Loan Counselors	88	92	4	4.55%	0	1	1	\$25.78	Bachelor's degree
43-4131	Loan Interviewers and Clerks	743	729	-14	-1.88%	0	18	18	\$15.16	Short-term on-the-job training
13-2072	Loan Officers	1,480	1,523	43	2.91%	4	16	20	\$26.23	Moderate-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	35	36	1	2.86%	0	2	2	\$8.35	Short-term on-the-job training
49-9094	Locksmiths and Safe Repairers	119	122	3	2.52%	0	2	2	\$16.11	Moderate-term on-the-job training
53-4011	Locomotive Engineers	75	80	5	6.67%	1	2	3	\$21.49	Moderate-term on-the-job training
11-9081	Lodging Managers	997	1,033	36	3.61%	4	21	25	\$29.85	Work experience in a related occupation
45-4023	Log Graders and Scalers	227	192	-35	-15.42%	0	6	6	\$17.06	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	2,112	1,922	-190	-9.00%	0	57	57	\$14.10	Moderate-term on-the-job training
13-1081	Logisticians	159	181	22	13.84%	2	4	6	\$31.26	Bachelor's degree
53-7063	Machine Feeders and Offbearers	409	268	-141	-34.47%	0	5	5	\$12.79	Short-term on-the-job training
51-4041	Machinists	1,923	1,932	9	0.47%	1	25	26	\$19.10	Long-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,162	6,901	-261	-3.64%	0	129	129	\$10.24	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	407	335	-72	-17.69%	0	7	7	\$12.88	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,182	5,446	264	5.09%	26	80	106	\$17.12	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	348	306	-42	-12.07%	0	5	5	\$19.17	Moderate-term on-the-job training
13-1111	Management Analysts	1,622	1,681	59	3.64%	6	28	34	\$31.86	Bachelor's or higher degree, plus work experience
11-9199	Managers, All Other	2,637	2,654	17	0.64%	2	68	70	\$34.76	Work experience in a related occupation
39-5092	Manicurists and Pedicurists	129	131	2	1.55%	0	2	2	\$11.33	Postsecondary vocational training
49-9095	Manufactured Building and Mobile Home Installers	184	191	7	3.80%	1	1	2	\$12.99	Moderate-term on-the-job training
17-2121	Marine Engineers and Naval Architects	74	73	-1	-1.35%	0	2	2	\$39.65	Bachelor's degree
19-3021	Market Research Analysts	164	184	20	12.20%	2	4	6	\$29.03	Bachelor's degree
11-2021	Marketing Managers	596	623	27	4.53%	3	13	16	\$38.36	Bachelor's or higher degree, plus work experience
53-7199	Material Moving Workers, All Other	13	11	-2	-15.38%	0	0	0	\$11.08	Moderate-term on-the-job training
17-2131	Materials Engineers	54	54	0	0.00%	0	1	1	\$41.33	Bachelor's degree
19-2032	Materials Scientists	40	47	7	17.50%	1	1	2	\$34.37	Bachelor's degree
25-1022	Mathematical Science Teachers, Postsecondary	192	215	23	11.98%	2	3	5	\$67,560.00	Doctoral degree
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	857	830	-27	-3.15%	0	27	27	\$10.07	Short-term on-the-job training
49-9011	Mechanical Door Repairers	104	104	0	0.00%	0	2	2	\$16.00	Moderate-term on-the-job training
17-3013	Mechanical Drafters	835	739	-96	-11.50%	0	18	18	\$25.04	Postsecondary vocational training
17-3027	Mechanical Engineering Technicians	121	108	-13	-10.74%	0	2	2	\$26.43	Associate degree
17-2141	Mechanical Engineers	656	673	17	2.59%	2	17	19	\$37.20	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	26	28	2	7.69%	0	1	1	\$28.43	Moderate-term on-the-job training
27-3099	Media and Communication Workers, All Other	72	72	0	0.00%	0	2	2	\$18.37	Long-term on-the-job training
29-2012	Medical and Clinical Laboratory Technicians	726	768	42	5.79%	4	14	18	\$18.63	Associate degree
29-2011	Medical and Clinical Laboratory Technologists	951	1,034	83	8.73%	8	18	26	\$25.50	Bachelor's degree
11-9111	Medical and Health Services Managers	1,607	1,738	131	8.15%	13	31	44	\$39.13	Bachelor's or higher degree, plus work experience
21-1022	Medical and Public Health Social Workers	712	775	63	8.85%	6	18	24	\$21.42	Bachelor's degree
51-9082	Medical Appliance Technicians	19	19	0	0.00%	0	0	0	\$17.89	Long-term on-the-job training
31-9092	Medical Assistants	2,133	2,488	355	16.64%	36	24	60	\$14.17	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	255	285	30	11.76%	3	3	6	\$13.75	Short-term on-the-job training
49-9062	Medical Equipment Repairers	179	227	48	26.82%	5	5	10	\$21.32	Associate degree
29-2071	Medical Records and Health Information Technicians	786	859	73	9.29%	7	16	23	\$15.00	Associate degree
19-1042	Medical Scientists, Except Epidemiologists	114	152	38	33.33%	4	2	6	\$42.89	Doctoral degree
43-6013	Medical Secretaries	4,179	4,664	485	11.61%	49	56	105	\$14.09	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	1,026	1,038	12	1.17%	1	11	12	\$15.70	Postsecondary vocational training
13-1121	Meeting and Convention Planners	196	209	13	6.63%	1	4	5	\$19.62	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	1,494	1,594	100	6.69%	10	38	48	\$18.77	Master's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
21-1014	Mental Health Counselors	418	430	12	2.87%	1	9	10	\$26.51	Master's degree
51-4199	Metal Workers and Plastic Workers, All Other	152	151	-1	-0.66%	0	2	2	\$18.23	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	55	-15	-21.43%	0	2	2	\$15.63	Short-term on-the-job training
19-1022	Microbiologists	66	71	5	7.58%	1	2	3	\$32.69	Doctoral degree
25-2022	Middle School Teachers, Except Special and Vocational Education	3,185	3,276	91	2.86%	9	72	81	\$46,080.00	Bachelor's degree
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	172	165	-7	-4.07%	0	3	3	\$18.29	Moderate-term on-the-job training
49-9044	Millwrights	611	514	-97	-15.88%	0	12	12	\$21.91	Long-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	382	437	55	14.40%	6	7	13	\$18.90	Moderate-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,025	1,044	19	1.85%	2	20	22	\$19.15	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	206	201	-5	-2.43%	0	10	10	\$12.88	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	274	286	12	4.38%	1	6	7	\$19.12	Moderate-term on-the-job training
39-3021	Motion Picture Projectionists	104	112	8	7.69%	1	4	5	\$10.10	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	295	295	0	0.00%	0	5	5	\$15.04	Short-term on-the-job training
49-3051	Motorboat Mechanics	334	341	7	2.10%	1	7	8	\$19.76	Long-term on-the-job training
53-5022	Motorboat Operators	38	41	3	7.89%	0	2	2	\$17.82	Moderate-term on-the-job training
49-3052	Motorcycle Mechanics	96	102	6	6.25%	1	2	3	\$15.97	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	153	153	0	0.00%	0	3	3	\$23.09	Bachelor's degree
25-4013	Museum Technicians and Conservators	109	122	13	11.93%	1	3	4	\$17.93	Bachelor's degree
11-9121	Natural Sciences Managers	121	130	9	7.44%	1	4	5	\$43.16	Bachelor's or higher degree, plus work experience
15-1071	Network and Computer Systems Administrators	1,220	1,315	95	7.79%	10	20	30	\$28.77	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	831	1,160	329	39.59%	33	15	48	\$30.15	Bachelor's degree
43-4141	New Accounts Clerks	204	187	-17	-8.33%	0	6	6	\$14.08	Work experience in a related occupation
39-2021	Nonfarm Animal Caretakers	1,020	1,068	48	4.71%	5	22	27	\$10.48	Short-term on-the-job training
29-2033	Nuclear Medicine Technologists	84	94	10	11.90%	1	1	2	\$32.55	Associate degree
51-4012	Numerical Tool and Process Control Programmers	25	25	0	0.00%	0	1	1	\$21.95	Work experience in a related occupation
31-1012	Nursing Aides, Orderlies, and Attendants	10,158	10,506	348	3.43%	35	101	136	\$11.53	Postsecondary vocational training
25-1072	Nursing Instructors and Teachers, Postsecondary	227	254	27	11.89%	3	4	7	\$62,320.00	Doctoral degree
29-1064	Obstetricians and Gynecologists	169	182	13	7.69%	1	3	4	\$101.01	First professional degree
29-9011	Occupational Health and Safety Specialists	248	252	4	1.61%	0	8	8	\$30.29	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	54	57	3	5.56%	0	2	2	\$19.57	Associate degree
31-2011	Occupational Therapist Assistants	145	154	9	6.21%	1	2	3	\$15.97	Associate degree
29-1122	Occupational Therapists	682	728	46	6.74%	5	12	17	\$27.56	Master's degree
43-9199	Office and Administrative Support Workers, All Other	1,157	943	-214	-18.50%	0	27	27	\$14.81	Short-term on-the-job training
43-9061	Office Clerks, General	14,739	15,049	310	2.10%	31	201	232	\$12.73	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	138	115	-23	-16.67%	0	5	5	\$14.47	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
47-2073	Operating Engineers and Other Construction Equipment Operators	2,213	2,238	25	1.13%	3	38	41	\$16.49	Moderate-term on-the-job training
15-2031	Operations Research Analysts	158	162	4	2.53%	0	5	5	\$30.51	Master's degree
51-9083	Ophthalmic Laboratory Technicians	49	47	-2	-4.08%	0	1	1	\$13.95	Moderate-term on-the-job training
29-2081	Opticians, Dispensing	242	232	-10	-4.13%	0	5	5	\$15.63	Long-term on-the-job training
29-1041	Optometrists	168	188	20	11.90%	2	6	8	\$52.13	First professional degree
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	400	418	18	4.50%	2	8	10	\$13.88	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,587	1,518	-69	-4.35%	0	27	27	\$13.64	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,541	3,297	-244	-6.89%	0	59	59	\$9.83	Short-term on-the-job training
47-2141	Painters, Construction and Maintenance	3,440	3,444	4	0.12%	0	59	59	\$17.65	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	327	305	-22	-6.73%	0	9	9	\$17.01	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	211	199	-12	-5.69%	0	6	6	\$10.93	Short-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	383	291	-92	-24.02%	0	8	8	\$19.78	Moderate-term on-the-job training
23-2011	Paralegals and Legal Assistants	1,293	1,424	131	10.13%	13	15	28	\$20.10	Associate degree
33-3041	Parking Enforcement Workers	51	47	-4	-7.84%	0	1	1	\$15.24	Short-term on-the-job training
53-6021	Parking Lot Attendants	234	218	-16	-6.84%	0	8	8	\$10.21	Short-term on-the-job training
41-2022	Parts Salespersons	1,462	1,516	54	3.69%	5	52	57	\$15.17	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	2	2	0	0.00%	0	0	0	na	Long-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	426	441	15	3.52%	2	7	9	\$15.43	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	695	580	-115	-16.55%	0	17	17	\$15.75	Moderate-term on-the-job training
29-1065	Pediatricians, General	163	175	12	7.36%	1	3	4	\$77.66	First professional degree
39-9021	Personal and Home Care Aides	6,201	7,800	1,599	25.79%	160	77	237	\$9.82	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	494	568	74	14.98%	7	11	18	\$9.96	Short-term on-the-job training
13-2052	Personal Financial Advisors	332	397	65	19.58%	7	4	11	\$33.44	Bachelor's degree
37-2021	Pest Control Workers	113	113	0	0.00%	0	4	4	\$15.71	Moderate-term on-the-job training
29-1051	Pharmacists	1,288	1,401	113	8.77%	11	29	40	\$55.66	First professional degree
31-9095	Pharmacy Aides	238	202	-36	-15.13%	0	3	3	\$10.50	Short-term on-the-job training
29-2052	Pharmacy Technicians	1,670	2,007	337	20.18%	34	42	76	\$13.39	Moderate-term on-the-job training
25-1126	Philosophy and Religion Teachers, Postsecondary	83	91	8	9.64%	1	1	2	\$74,050.00	Doctoral degree
27-4021	Photographers	672	699	27	4.02%	3	13	16	\$14.54	Long-term on-the-job training
51-9131	Photographic Process Workers	48	41	-7	-14.58%	0	1	1	\$14.62	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	188	129	-59	-31.38%	0	5	5	\$10.90	Short-term on-the-job training
31-2022	Physical Therapist Aides	164	199	35	21.34%	4	2	6	\$12.06	Short-term on-the-job training
31-2021	Physical Therapist Assistants	197	241	44	22.34%	4	3	7	\$20.35	Associate degree
29-1123	Physical Therapists	1,084	1,258	174	16.05%	17	13	30	\$33.66	Master's degree
29-1071	Physician Assistants	744	894	150	20.16%	15	14	29	\$41.32	Master's degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
29-1069	Physicians and Surgeons, All Other	1,474	1,575	101	6.85%	10	26	36	\$81.09	First professional degree
19-2012	Physicists	47	49	2	4.26%	0	1	1	\$48.73	Doctoral degree
25-1054	Physics Teachers, Postsecondary	56	61	5	8.93%	1	1	2	\$79,820.00	Doctoral degree
47-2151	Pipelayers	113	119	6	5.31%	1	2	3	\$16.16	Short-term on-the-job training
51-8099	Plant and System Operators, All Other	46	42	-4	-8.70%	0	1	1	\$17.04	Long-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	135	147	12	8.89%	1	4	5	\$16.79	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,749	2,656	-93	-3.38%	0	55	55	\$20.22	Long-term on-the-job training
29-1081	Podiatrists	38	36	-2	-5.26%	0	1	1	\$58.00	First professional degree
33-3051	Police and Sheriff's Patrol Officers	2,122	2,164	42	1.98%	4	55	59	\$19.51	Long-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	763	847	84	11.01%	8	16	24	\$16.63	Moderate-term on-the-job training
25-1065	Political Science Teachers, Postsecondary	95	103	8	8.42%	1	2	3	\$85,670.00	Doctoral degree
11-9131	Postmasters and Mail Superintendents	410	391	-19	-4.63%	0	8	8	\$27.04	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	376	410	34	9.04%	3	7	10	\$50,670.00	Doctoral degree
51-8013	Power Plant Operators	413	474	61	14.77%	6	14	20	\$26.23	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	191	191	0	0.00%	0	6	6	\$21.53	Moderate-term on-the-job training
51-5022	Prepress Technicians and Workers	215	176	-39	-18.14%	0	3	3	\$15.23	Postsecondary vocational training
25-2011	Preschool Teachers, Except Special Education	1,452	1,435	-17	-1.17%	0	29	29	\$13.17	Postsecondary vocational training
51-6021	Pressers, Textile, Garment, and Related Materials	122	96	-26	-21.31%	0	1	1	\$9.47	Short-term on-the-job training
51-5023	Printing Machine Operators	751	728	-23	-3.06%	0	16	16	\$16.31	Moderate-term on-the-job training
21-1092	Probation Officers and Correctional Treatment Specialists	396	447	51	12.88%	5	8	13	\$18.16	Bachelor's degree
43-3061	Procurement Clerks	366	378	12	3.28%	1	11	12	\$16.13	Moderate-term on-the-job training
27-2012	Producers and Directors	332	319	-13	-3.92%	0	10	10	\$22.47	Bachelor's or higher degree, plus work experience
51-9199	Production Workers, All Other	1,162	1,069	-93	-8.00%	0	27	27	\$14.06	Moderate-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,537	1,476	-61	-3.97%	0	38	38	\$21.29	Moderate-term on-the-job training
43-9081	Proofreaders and Copy Markers	32	30	-2	-6.25%	0	1	1	\$13.80	Short-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	751	766	15	2.00%	2	13	15	\$26.98	Bachelor's degree
33-9099	Protective Service Workers, All Other	503	503	0	0.00%	0	34	34	\$14.10	Short-term on-the-job training
31-1013	Psychiatric Aides	971	1,034	63	6.49%	6	10	16	\$13.99	Short-term on-the-job training
29-2053	Psychiatric Technicians	105	113	8	7.62%	1	3	4	\$13.60	Postsecondary vocational training
29-1066	Psychiatrists	153	167	14	9.15%	1	3	4	\$84.24	First professional degree
19-3039	Psychologists, All Other	54	57	3	5.56%	0	2	2	\$37.54	Master's degree
25-1066	Psychology Teachers, Postsecondary	134	147	13	9.70%	1	2	3	\$69,860.00	Doctoral degree
11-2031	Public Relations Managers	280	299	19	6.79%	2	7	9	\$35.61	Bachelor's or higher degree, plus work experience
27-3031	Public Relations Specialists	1,168	1,317	149	12.76%	15	28	43	\$24.11	Bachelor's degree
13-1021	Purchasing Agents and Buyers, Farm Products	284	276	-8	-2.82%	0	6	6	\$24.34	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	926	1,005	79	8.53%	8	24	32	\$24.79	Long-term on-the-job training
11-3061	Purchasing Managers	380	373	-7	-1.84%	0	11	11	\$37.52	Bachelor's or higher degree, plus work experience
29-1124	Radiation Therapists	107	131	24	22.43%	2	2	4	\$31.92	Associate degree
27-3011	Radio and Television Announcers	174	140	-34	-19.54%	0	5	5	\$16.21	Long-term on-the-job training
29-2034	Radiologic Technologists and Technicians	1,317	1,455	138	10.48%	14	19	33	\$25.82	Associate degree
53-4031	Railroad Conductors and Yardmasters	60	62	2	3.33%	0	2	2	\$21.46	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	178	190	12	6.74%	1	5	6	\$19.13	Moderate-term on-the-job training
41-9021	Real Estate Brokers	601	609	8	1.33%	1	10	11	\$38.07	Work experience in a related occupation
41-9022	Real Estate Sales Agents	768	834	66	8.59%	7	13	20	\$16.51	Postsecondary vocational training
43-4171	Receptionists and Information Clerks	3,198	3,257	59	1.84%	6	86	92	\$12.13	Short-term on-the-job training
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	88	95	7	7.95%	1	2	3	\$54,580.00	Doctoral degree
39-9032	Recreation Workers	1,325	1,412	87	6.57%	9	24	33	\$12.37	Short-term on-the-job training
29-1125	Recreational Therapists	96	102	6	6.25%	1	3	4	\$19.09	Bachelor's degree
49-3092	Recreational Vehicle Service Technicians	63	65	2	3.17%	0	1	1	\$17.04	Long-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	1,017	1,056	39	3.83%	4	30	34	\$12.24	Short-term on-the-job training
29-1111	Registered Nurses	14,501	16,826	2,325	16.03%	233	253	486	\$31.37	Associate degree
21-1015	Rehabilitation Counselors	690	705	15	2.17%	2	14	16	\$16.74	Master's degree
27-3022	Reporters and Correspondents	428	385	-43	-10.05%	0	12	12	\$17.40	Bachelor's degree
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	463	481	18	3.89%	2	10	12	\$12.62	Short-term on-the-job training
39-9041	Residential Advisors	168	152	-16	-9.52%	0	6	6	\$12.62	Short-term on-the-job training
29-1126	Respiratory Therapists	562	676	114	20.28%	11	10	21	\$26.03	Associate degree
29-2054	Respiratory Therapy Technicians	65	66	1	1.54%	0	2	2	\$22.56	Postsecondary vocational training
41-2031	Retail Salespersons	19,164	20,049	885	4.62%	89	535	624	\$12.36	Short-term on-the-job training
49-9096	Riggers	280	274	-6	-2.14%	0	4	4	\$21.55	Short-term on-the-job training
47-2181	Roofers	441	424	-17	-3.85%	0	7	7	\$16.37	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	194	204	10	5.15%	1	8	9	\$16.26	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	835	892	57	6.83%	6	19	25	\$18.99	Moderate-term on-the-job training
41-9031	Sales Engineers	100	96	-4	-4.00%	0	4	4	\$33.45	Bachelor's degree
11-2022	Sales Managers	1,244	1,346	102	8.20%	10	27	37	\$41.27	Bachelor's or higher degree, plus work experience
41-3099	Sales Representatives, Services, All Other	1,314	1,361	47	3.58%	5	33	38	\$31.27	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5,755	5,920	165	2.87%	17	133	150	\$24.92	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	812	835	23	2.83%	2	19	21	\$31.04	Work experience in a related occupation
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	686	609	-77	-11.22%	0	12	12	\$13.46	Moderate-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,341	5,185	-156	-2.92%	0	155	155	\$45,380.00	Bachelor's degree
43-6014	Secretaries, Except Legal, Medical, and Executive	10,178	9,568	-610	-5.99%	0	137	137	\$14.56	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,047	1,007	-40	-3.82%	0	32	32	\$53.01	Bachelor's degree
49-2098	Security and Fire Alarm Systems Installers	499	539	40	8.02%	4	9	13	\$19.02	Postsecondary vocational training
33-9032	Security Guards	2,111	2,139	28	1.33%	3	43	46	\$12.47	Short-term on-the-job training
25-3021	Self-Enrichment Education Teachers	1,524	1,605	81	5.31%	8	23	31	\$14.46	Work experience in a related occupation
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tender	367	412	45	12.26%	5	3	8	\$17.34	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	212	228	16	7.55%	2	6	8	\$15.87	Moderate-term on-the-job training
53-6031	Service Station Attendants	607	602	-5	-0.82%	0	25	25	\$8.79	Short-term on-the-job training
51-6051	Sewers, Hand	297	249	-48	-16.16%	0	3	3	\$12.81	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,093	863	-230	-21.04%	0	6	6	\$11.29	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,050	981	-69	-6.57%	0	25	25	\$17.87	Long-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,478	2,234	-244	-9.85%	0	62	62	\$14.02	Short-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	75	60	-15	-20.00%	0	1	1	\$10.37	Long-term on-the-job training
49-9097	Signal and Track Switch Repairers	12	12	0	0.00%	0	0	0	\$20.57	Moderate-term on-the-job training
39-5094	Skin Care Specialists	95	109	14	14.74%	1	1	2	\$17.69	Postsecondary vocational training
11-9151	Social and Community Service Managers	1,128	1,085	-43	-3.81%	0	26	26	\$24.93	Bachelor's degree
21-1093	Social and Human Service Assistants	3,943	4,139	196	4.97%	20	84	104	\$13.52	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	321	337	16	4.98%	2	14	16	\$21.06	Associate degree
25-1069	Social Sciences Teachers, Postsecondary, All Other	64	70	6	9.38%	1	1	2	\$67,530.00	Doctoral degree
19-3099	Social Scientists and Related Workers, All Other	78	93	15	19.23%	2	4	6	\$31.27	Master's degree
21-1029	Social Workers, All Other	224	210	-14	-6.25%	0	6	6	\$21.85	Bachelor's degree
25-1067	Sociology Teachers, Postsecondary	67	73	6	8.96%	1	1	2	\$80,370.00	Doctoral degree
19-1013	Soil and Plant Scientists	50	53	3	6.00%	0	2	2	\$25.34	Bachelor's degree
27-4014	Sound Engineering Technicians	24	23	-1	-4.17%	0	1	1	\$18.58	Postsecondary vocational training
25-2042	Special Education Teachers, Middle School	582	614	32	5.50%	3	15	18	\$44,960.00	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,713	1,825	112	6.54%	11	44	55	\$43,720.00	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	713	719	6	0.84%	1	19	20	\$44,830.00	Bachelor's degree
29-1127	Speech-Language Pathologists	762	851	89	11.68%	9	14	23	\$26.90	Master's degree
51-8021	Stationary Engineers and Boiler Operators	473	416	-57	-12.05%	0	8	8	\$20.96	Long-term on-the-job training
43-9111	Statistical Assistants	130	124	-6	-4.62%	0	2	2	\$15.54	Moderate-term on-the-job training
15-2041	Statisticians	53	56	3	5.66%	0	2	2	\$26.90	Master's degree
43-5081	Stock Clerks and Order Fillers	7,820	7,990	170	2.17%	17	180	197	\$10.91	Short-term on-the-job training
47-2221	Structural Iron and Steel Workers	231	239	8	3.46%	1	4	5	\$16.60	Long-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	833	738	-95	-11.40%	0	18	18	\$18.98	Moderate-term on-the-job training
21-1011	Substance Abuse and Behavioral Disorder Counselors	557	608	51	9.16%	5	11	16	\$22.33	Bachelor's degree
29-1067	Surgeons	456	485	29	6.36%	3	8	11	na	First professional degree

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
29-2055	Surgical Technologists	489	599	110	22.49%	11	12	23	\$19.30	Postsecondary vocational training
19-3022	Survey Researchers	42	50	8	19.05%	1	1	2	\$18.89	Bachelor's degree
17-3031	Surveying and Mapping Technicians	284	303	19	6.69%	2	5	7	\$18.69	Moderate-term on-the-job training
17-1022	Surveyors	399	397	-2	-0.50%	0	10	10	\$27.67	Bachelor's degree
43-2011	Switchboard Operators, Including Answering Service	822	695	-127	-15.45%	0	17	17	\$11.53	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	21	18	-3	-14.29%	0	1	1	\$15.99	Moderate-term on-the-job training
47-2082	Tapers	85	93	8	9.41%	1	1	2	\$19.98	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	490	504	14	2.86%	1	17	18	\$20.10	Bachelor's degree
13-2082	Tax Preparers	229	210	-19	-8.30%	0	4	4	\$13.86	Moderate-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	712	819	107	15.03%	11	13	24	\$9.59	Short-term on-the-job training
25-9041	Teacher Assistants	8,001	7,690	-311	-3.89%	0	169	169	\$27,960.00	Short-term on-the-job training
25-3099	Teachers and Instructors, All Other	2,584	2,551	-33	-1.28%	0	40	40	\$23,730.00	Bachelor's degree
51-2092	Team Assemblers	3,496	3,248	-248	-7.09%	0	79	79	\$13.72	Moderate-term on-the-job training
27-3042	Technical Writers	55	58	3	5.45%	0	1	1	\$23.36	Bachelor's degree
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	745	711	-34	-4.56%	0	13	13	\$24.47	Postsecondary vocational training
49-9052	Telecommunications Line Installers and Repairers	953	839	-114	-11.96%	0	15	15	\$24.47	Long-term on-the-job training
41-9041	Telemarketers	1,846	1,551	-295	-15.98%	0	46	46	\$11.58	Short-term on-the-job training
43-3071	Tellers	2,803	2,834	31	1.11%	3	115	118	\$11.36	Short-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	201	157	-44	-21.89%	0	2	2	\$12.12	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	144	96	-48	-33.33%	0	1	1	\$10.99	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	106	100	-6	-5.66%	0	2	2	\$16.12	Short-term on-the-job training
49-3093	Tire Repairers and Changers	367	385	18	4.90%	2	8	10	\$11.89	Short-term on-the-job training
23-2093	Title Examiners, Abstractors, and Searchers	70	64	-6	-8.57%	0	1	1	\$18.57	Moderate-term on-the-job training
51-4111	Tool and Die Makers	304	321	17	5.59%	2	2	4	\$24.50	Long-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	162	146	-16	-9.88%	0	5	5	\$15.80	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	104	106	2	1.92%	0	4	4	\$10.93	Moderate-term on-the-job training
11-3042	Training and Development Managers	104	108	4	3.85%	0	2	2	\$35.73	Bachelor's or higher degree, plus work experience
13-1073	Training and Development Specialists	1,069	1,190	121	11.32%	12	28	40	\$23.96	Bachelor's degree
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	23	22	-1	-4.35%	0	1	1	\$12.61	Short-term on-the-job training
53-6051	Transportation Inspectors	47	53	6	12.77%	1	1	2	\$35.02	Work experience in a related occupation
53-6099	Transportation Workers, All Other	473	498	25	5.29%	3	17	20	\$8.69	Short-term on-the-job training
11-3071	Transportation, Storage, and Distribution Managers	583	525	-58	-9.95%	0	16	16	\$32.62	Work experience in a related occupation
41-3041	Travel Agents	351	339	-12	-3.42%	0	3	3	\$14.71	Postsecondary vocational training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,094	11,476	382	3.44%	38	199	237	\$16.56	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4,076	4,079	3	0.07%	0	73	73	\$14.37	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2008 and Projected 2018
(Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2009 Average Wage	Education/Training Requirement
		2008	2018	Net	Percent	Growth	Replacement	Total		
19-3051	Urban and Regional Planners	236	252	16	6.78%	2	5	7	\$27.66	Master's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	127	146	19	14.96%	2	8	10	\$8.44	Short-term on-the-job training
29-1131	Veterinarians	342	414	72	21.05%	7	6	13	\$39.63	First professional degree
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	725	803	78	10.76%	8	8	16	\$13.10	Short-term on-the-job training
29-2056	Veterinary Technologists and Technicians	563	688	125	22.20%	13	14	27	\$14.32	Associate degree
25-2023	Vocational Education Teachers, Middle School	32	29	-3	-9.38%	0	1	1	\$52,620.00	Bachelor's or higher degree, plus work experience
25-1194	Vocational Education Teachers, Postsecondary	359	430	71	19.78%	7	6	13	\$24.33	Doctoral degree
25-2032	Vocational Education Teachers, Secondary School	227	221	-6	-2.64%	0	7	7	\$46,160.00	Bachelor's or higher degree, plus work experience
35-3031	Waiters and Waitresses	10,308	10,602	294	2.85%	29	569	598	\$10.01	Short-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	550	594	44	8.00%	4	12	16	\$19.89	Long-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	211	189	-22	-10.43%	0	7	7	\$13.29	Short-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,825	1,748	-77	-4.22%	0	56	56	\$17.15	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	165	158	-7	-4.24%	0	5	5	\$19.42	Postsecondary vocational training
13-1022	Wholesale and Retail Buyers, Except Farm Products	600	585	-15	-2.50%	0	15	15	\$25.34	Long-term on-the-job training
51-7099	Woodworkers, All Other	266	256	-10	-3.76%	0	6	6	\$16.88	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	830	688	-142	-17.11%	0	17	17	\$12.80	Moderate-term on-the-job training
43-9022	Word Processors and Typists	699	634	-65	-9.30%	0	5	5	\$16.45	Moderate-term on-the-job training
27-3043	Writers and Authors	880	973	93	10.57%	9	18	27	\$24.81	Bachelor's degree
19-1023	Zoologists and Wildlife Biologists	223	226	3	1.35%	0	7	7	\$24.54	Bachelor's degree

Note: 2008 average (mean) wage used if 2009 not available; noted in *italics*.

Education and Training Requirement Definitions

Education/Training Requirement	Definition
First Professional degree	Completion of a 6-year academic program
Doctoral degree	Completion of a 3-year academic program beyond a bachelor's degree
Master's degree	Completion of a 1- to 2-year academic program beyond a bachelor's degree
Bachelor's degree plus work experience	Completion of a 4-year academic program or higher degree beyond high school, plus related occupational experience
Bachelor's degree	Completion of a 4-year academic program beyond high school
Associate degree	Completion of a 2-year academic program beyond high school
Post-Secondary vocational training	Completion of a vocational training program
Work experience in a related occupation	Related occupational experience leading to development of specific skills
Long-term on-the-job training	More than 1 year of on-the-job training or a combination of training and classroom instruction
Moderate-term on-the-job training	1 to 12 months of on-the-job training
Short-term on-the-job training	Up to 1 month of on-the-job training